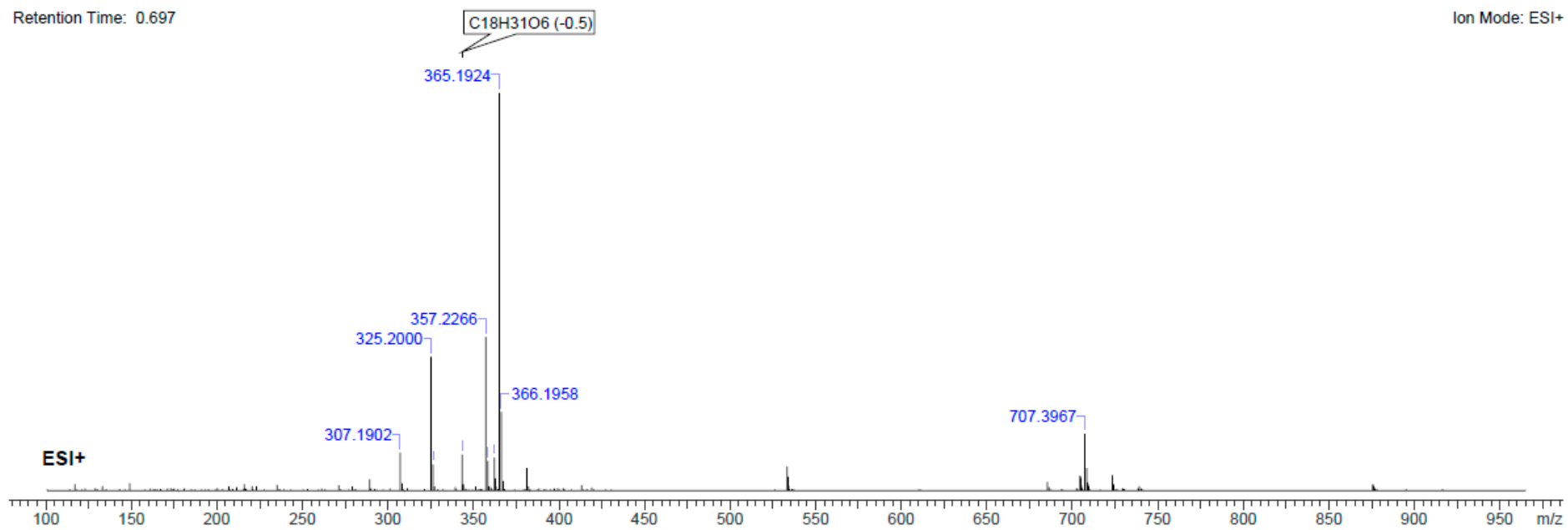


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Retention Time: 0.697

Ion Mode: ESI+



Retention Time: 0.706

Ion Mode: ESI-

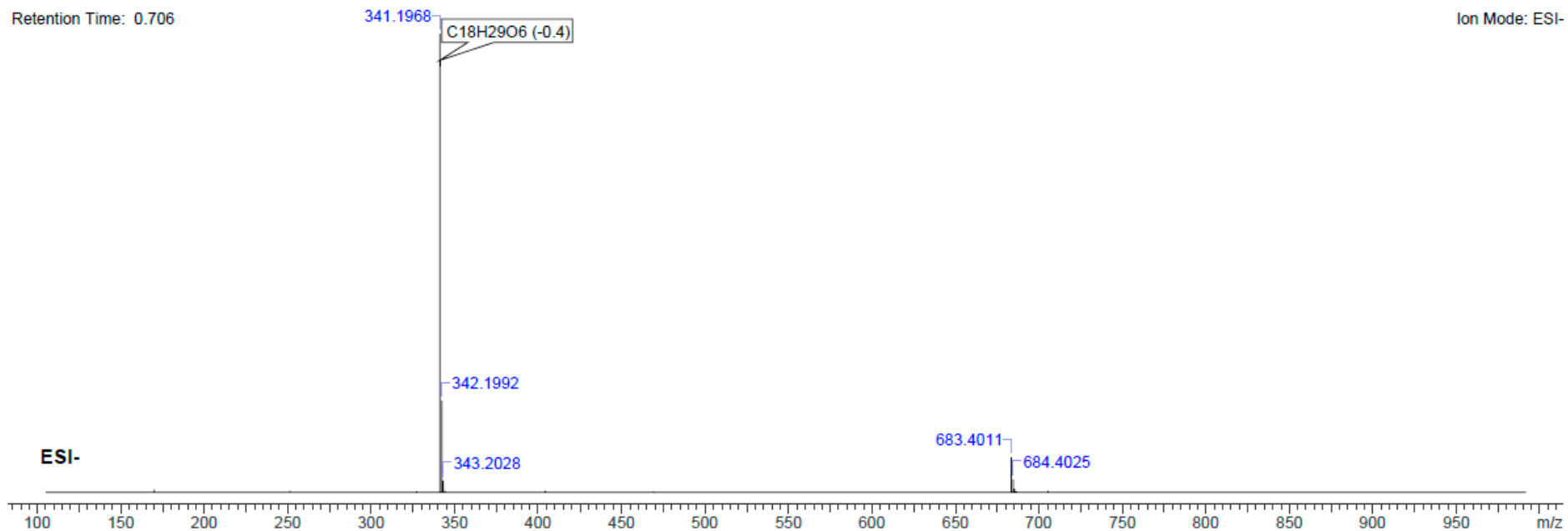
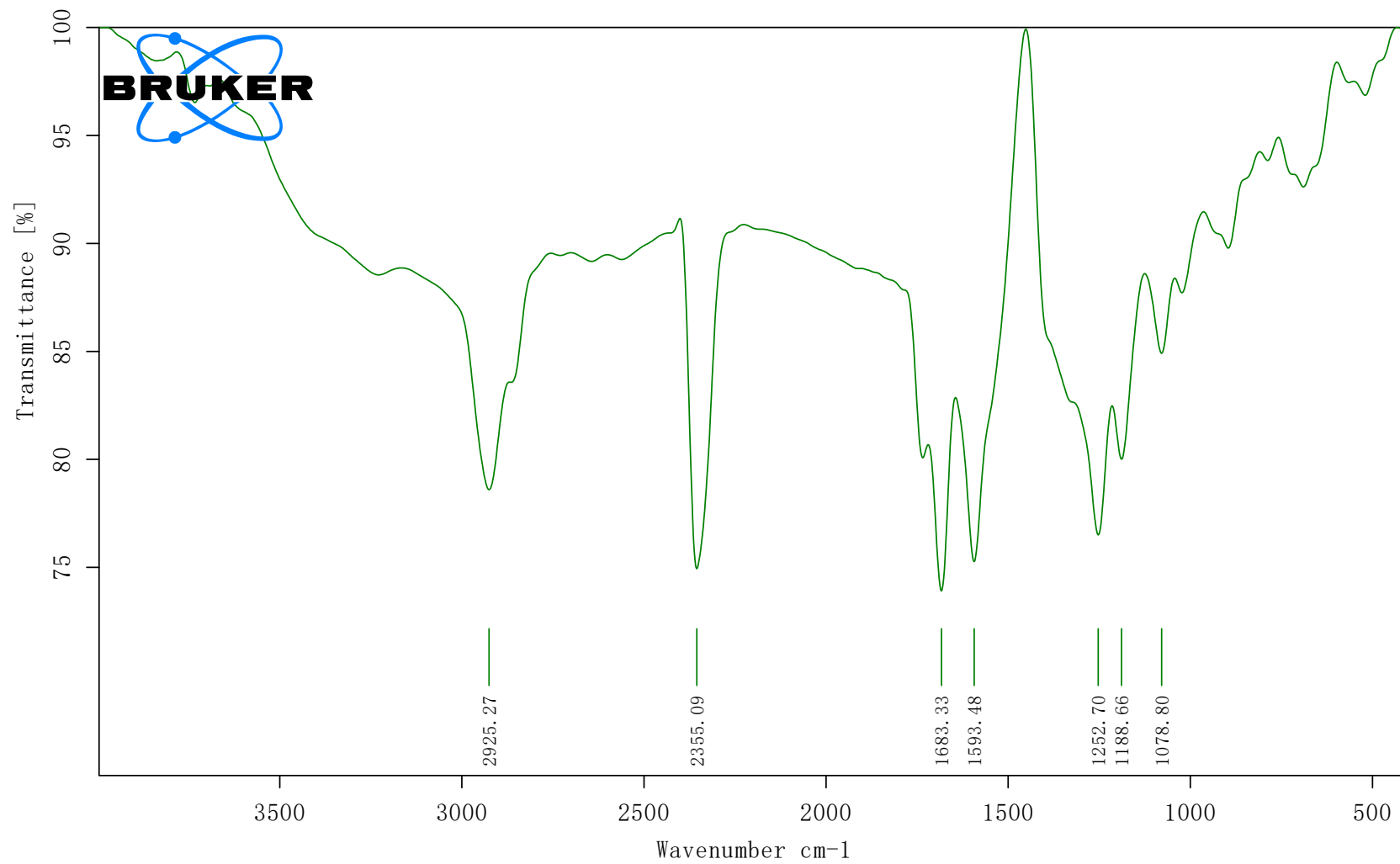


Figure S 1. HR-ESI-MS spectra of compound 1



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G0-3

Instrument type and / or accessory

2018-8-18

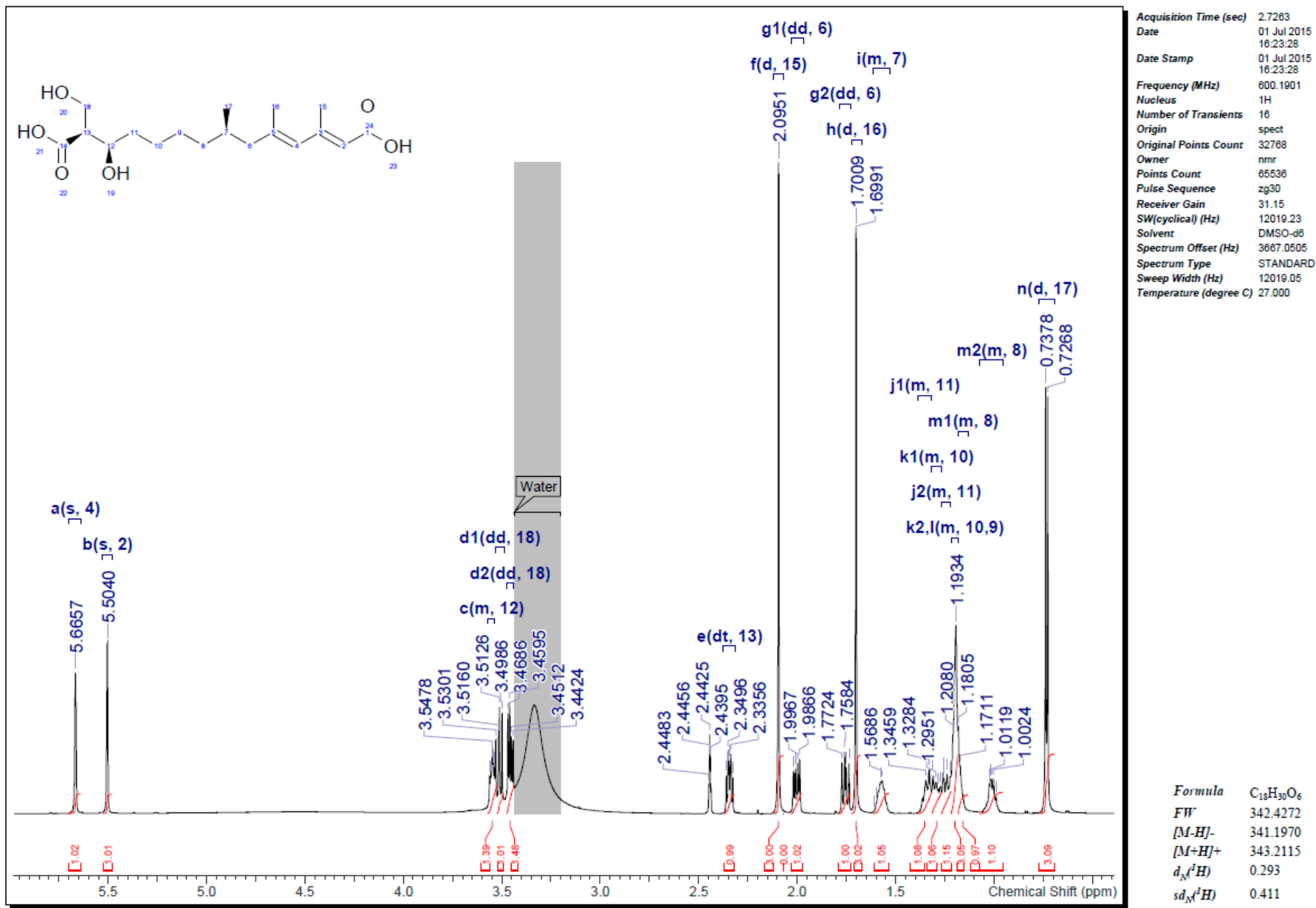


Figure S 3. ^1H -NMR (600 MHz, DMSO- d_6) of compound 1

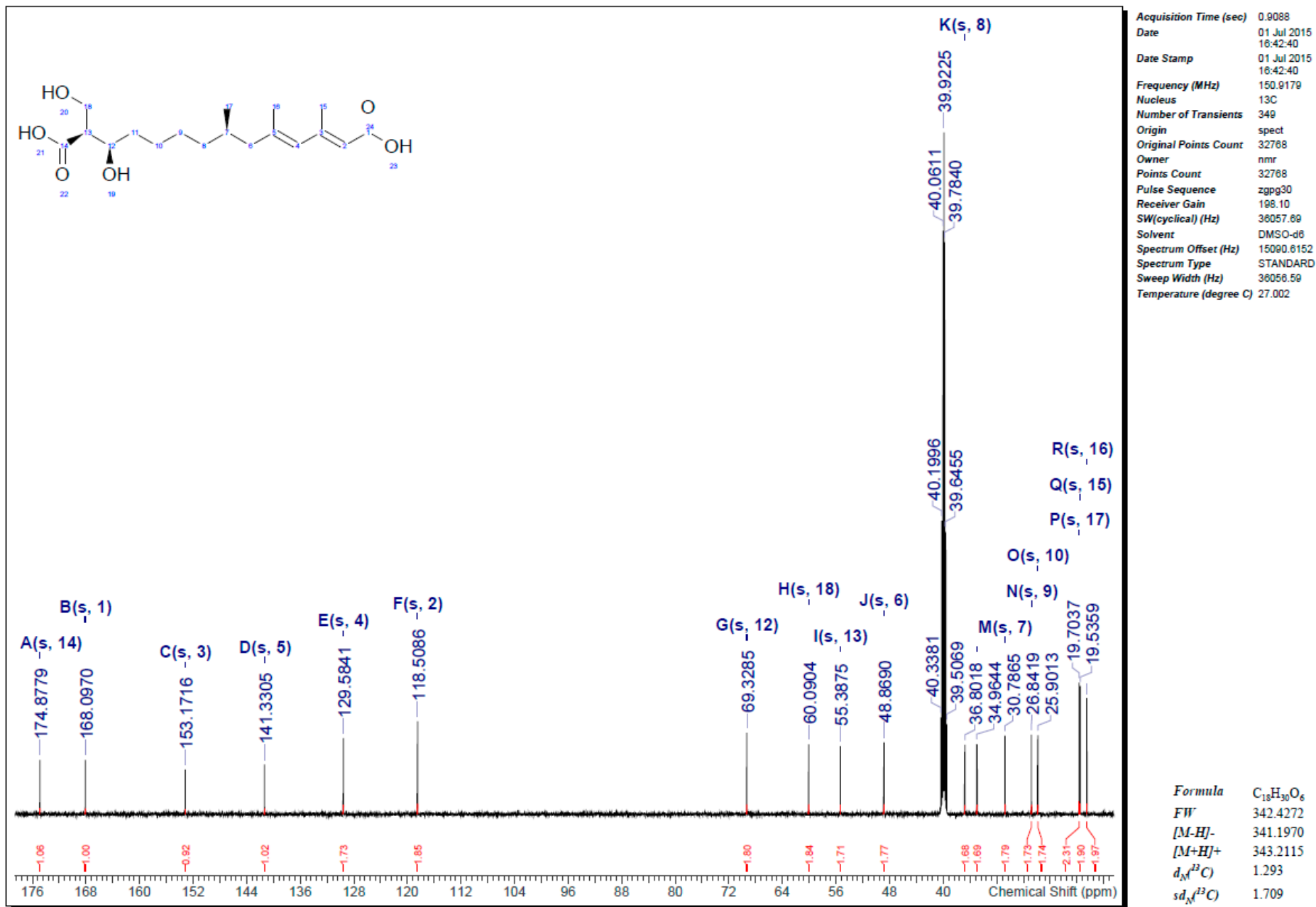


Figure S 4. ¹³C-NMR (150 MHz, DMSO-d₆) of compound 1

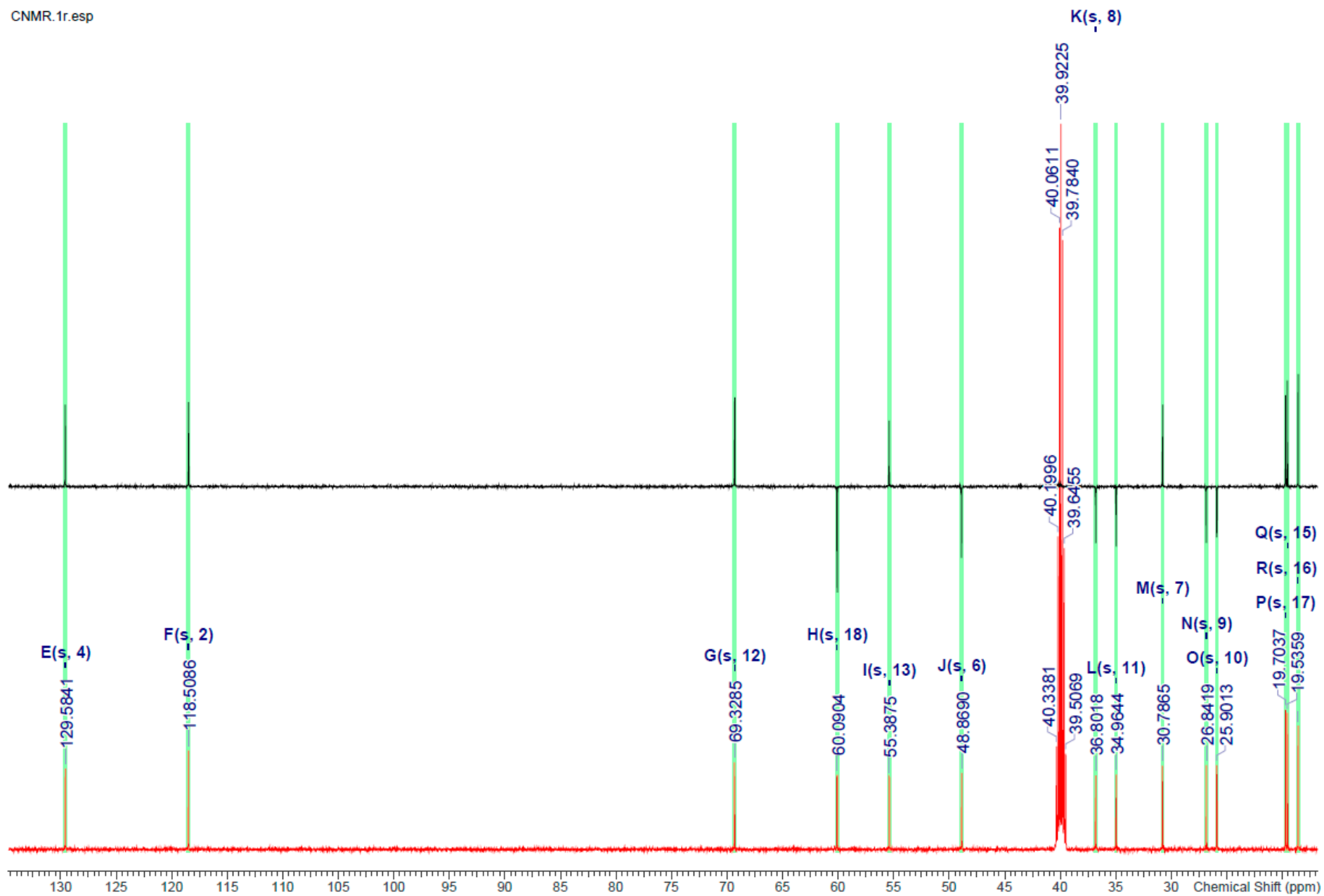


Figure S 5. DEPT spectrum of compound 1

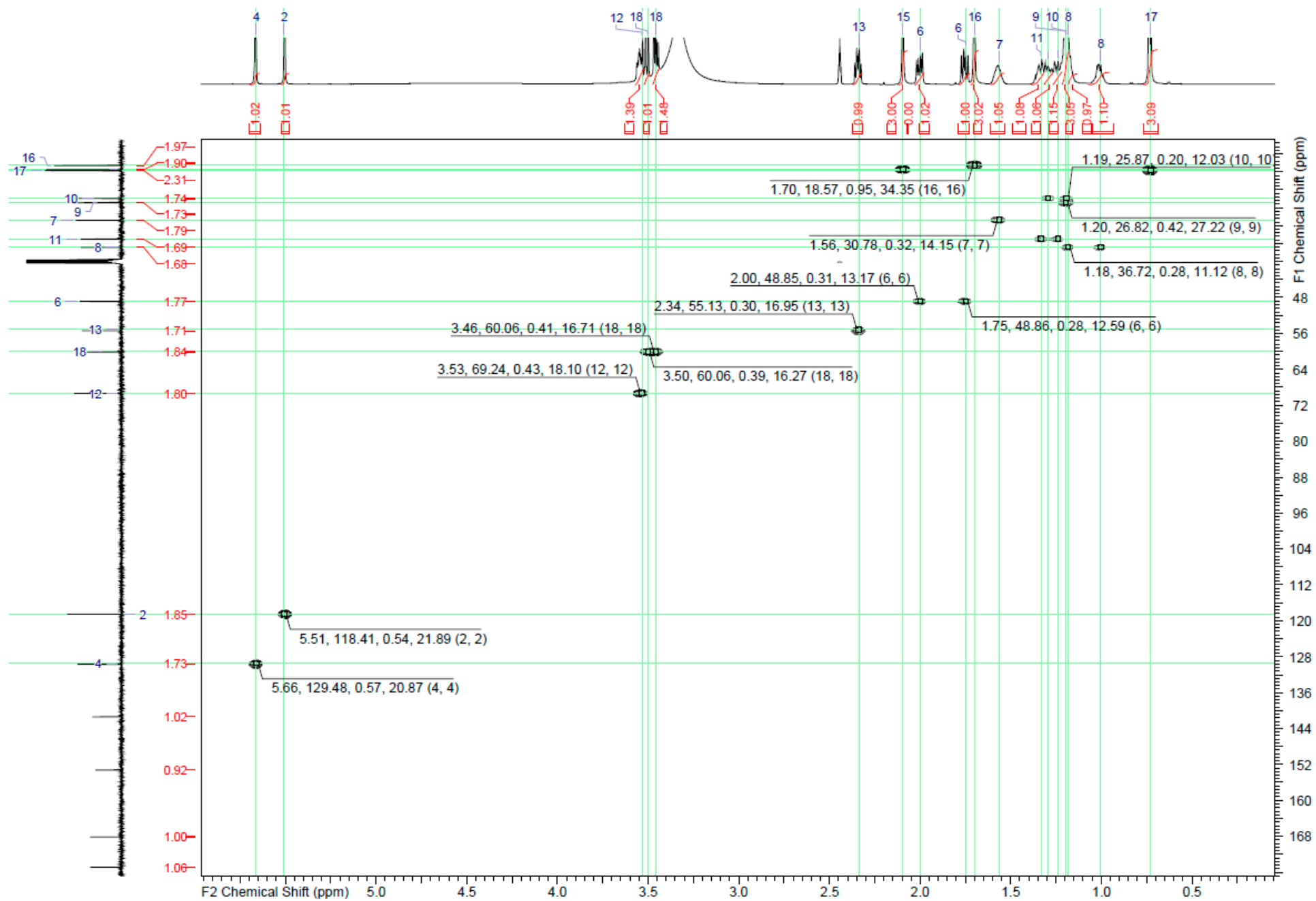


Figure S 6. HSQC spectrum of compound 1

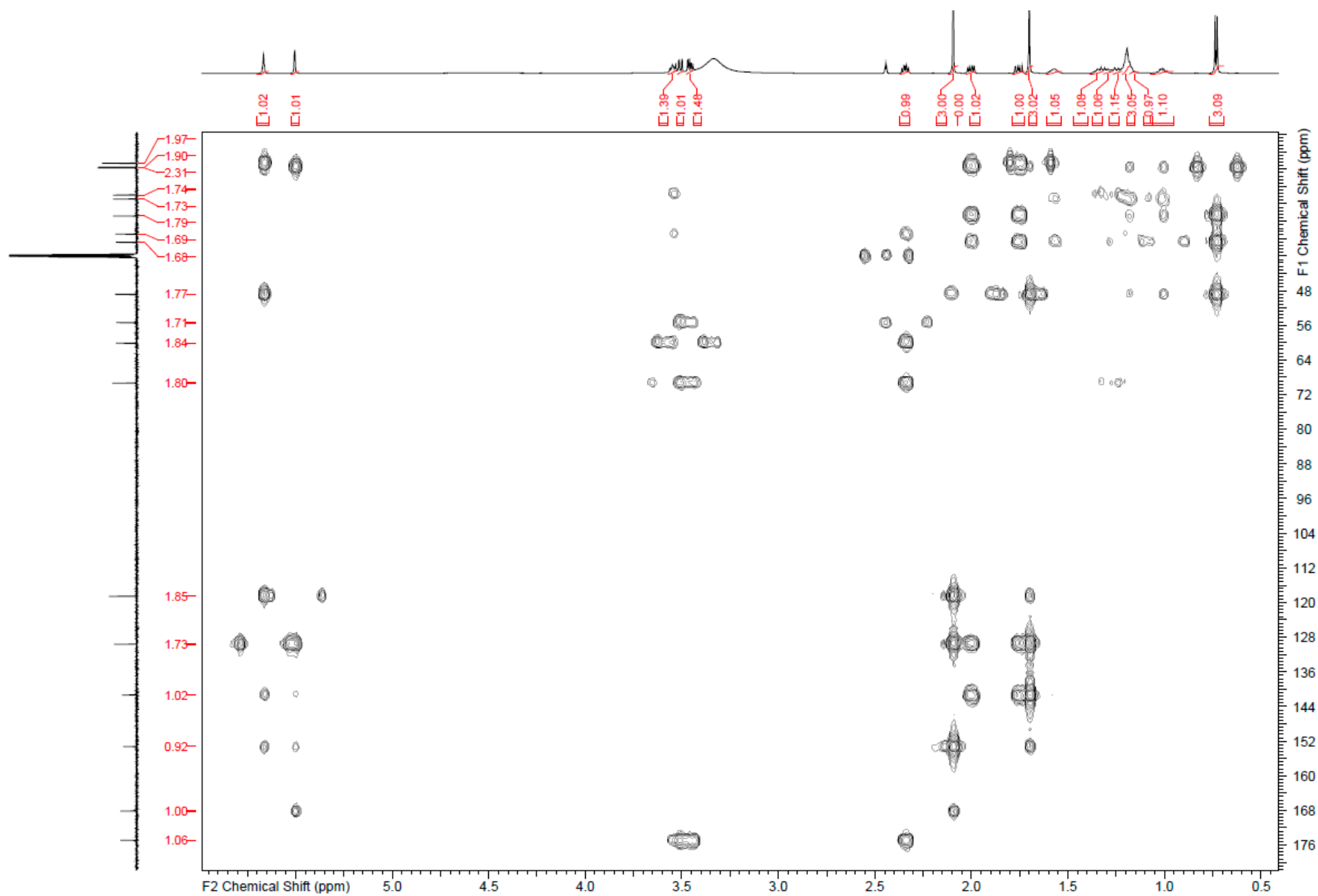
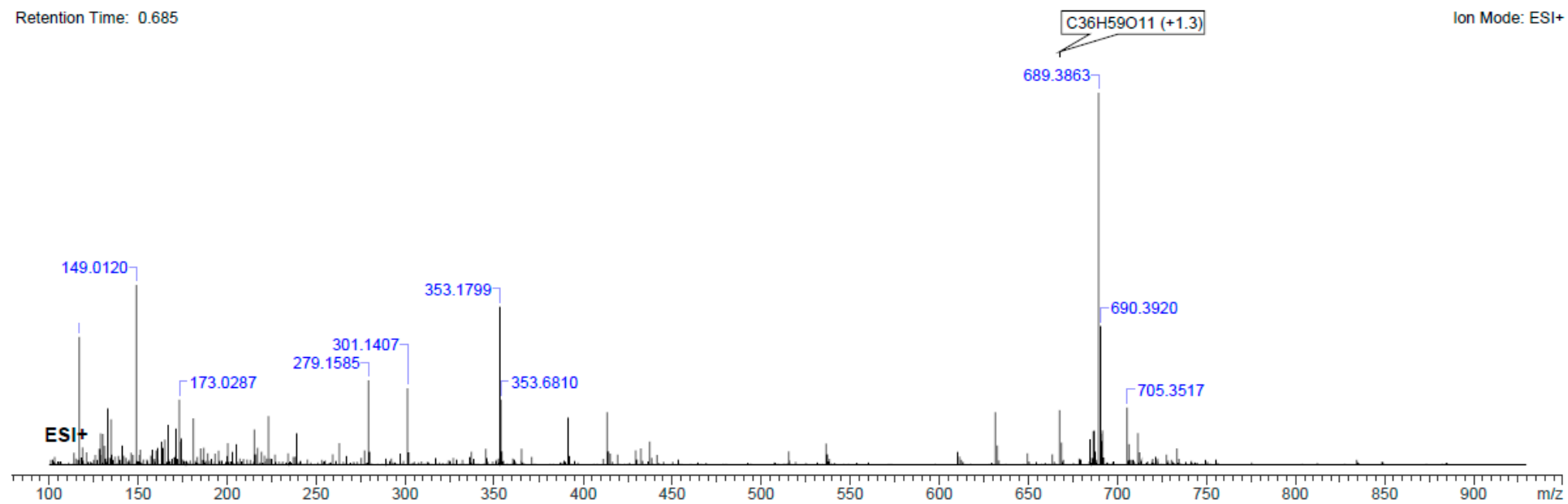


Figure S 8. HMBC spectrum of compound **1**

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Ion Mode: ESI+



Retention Time: 0.675

Ion Mode: ESI-

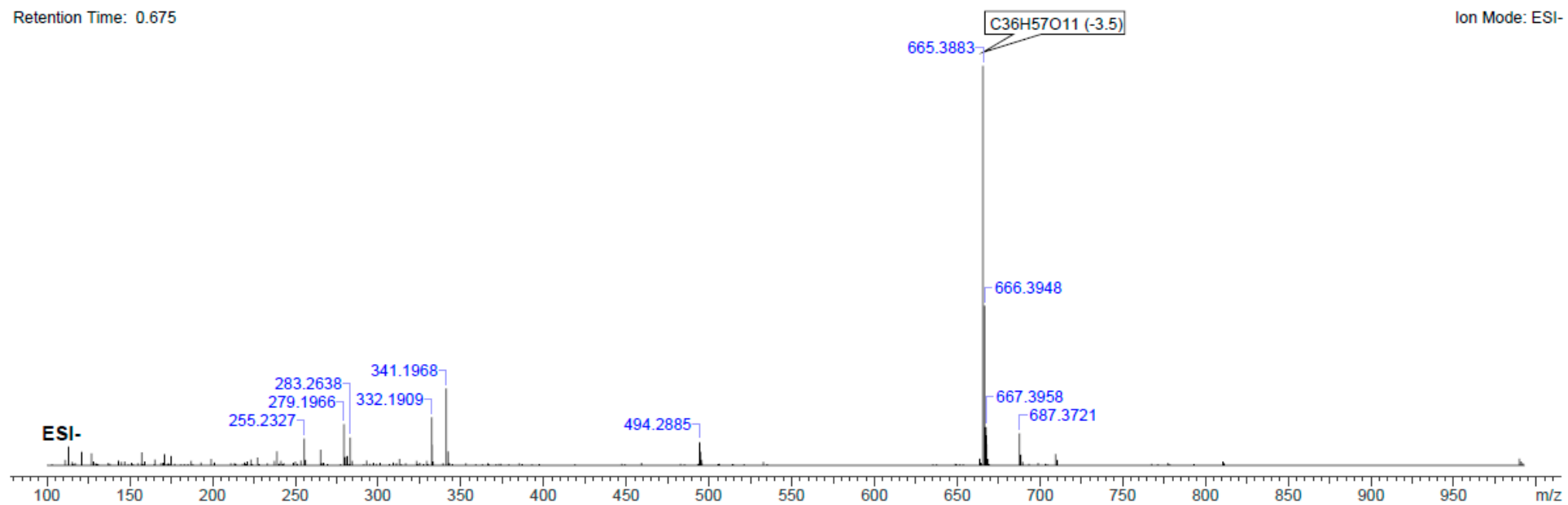
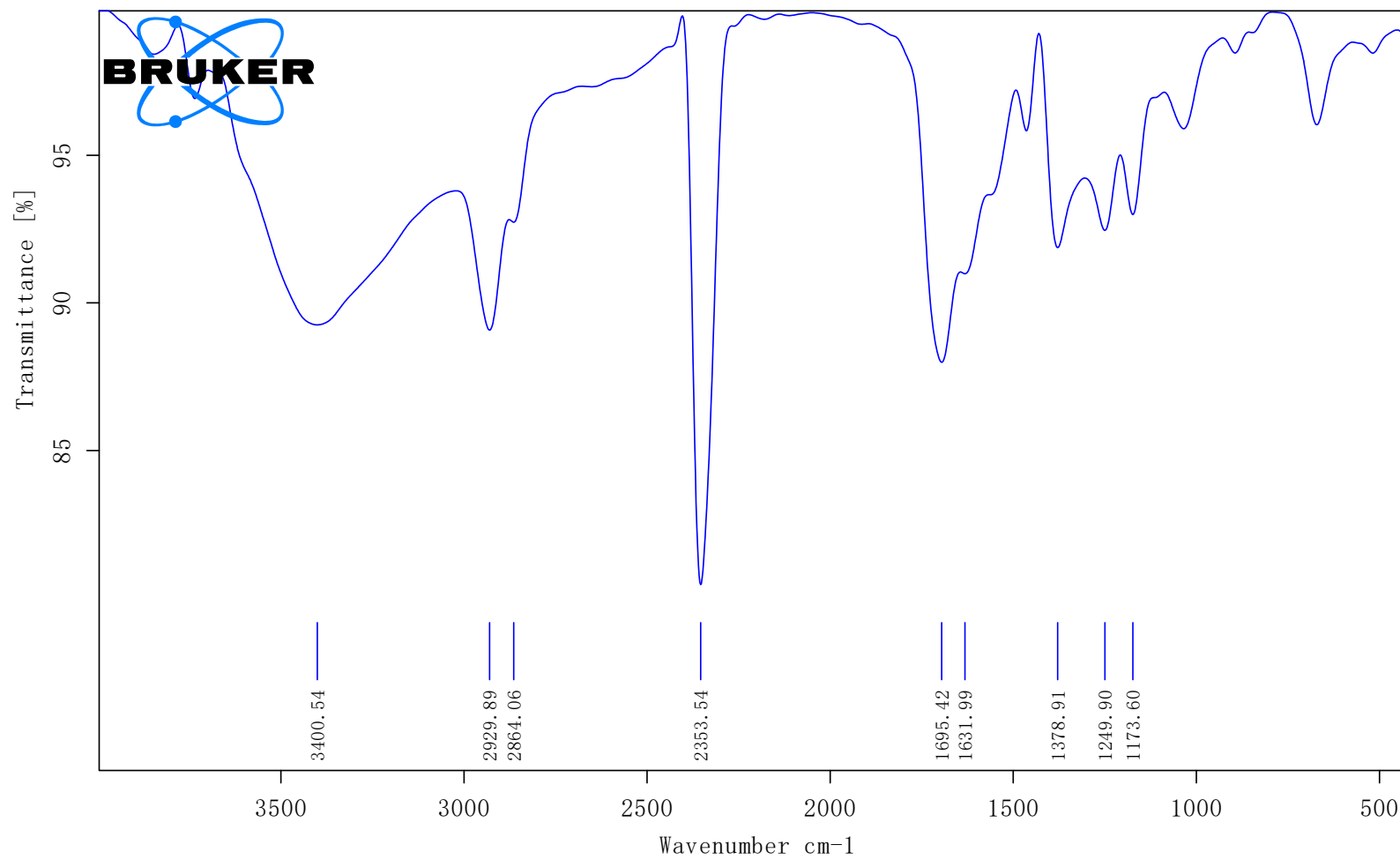


Figure S 9. HR-ESI-MS spectra of compound 2



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G0-3

Instrument type and / or accessory

2018-8-20

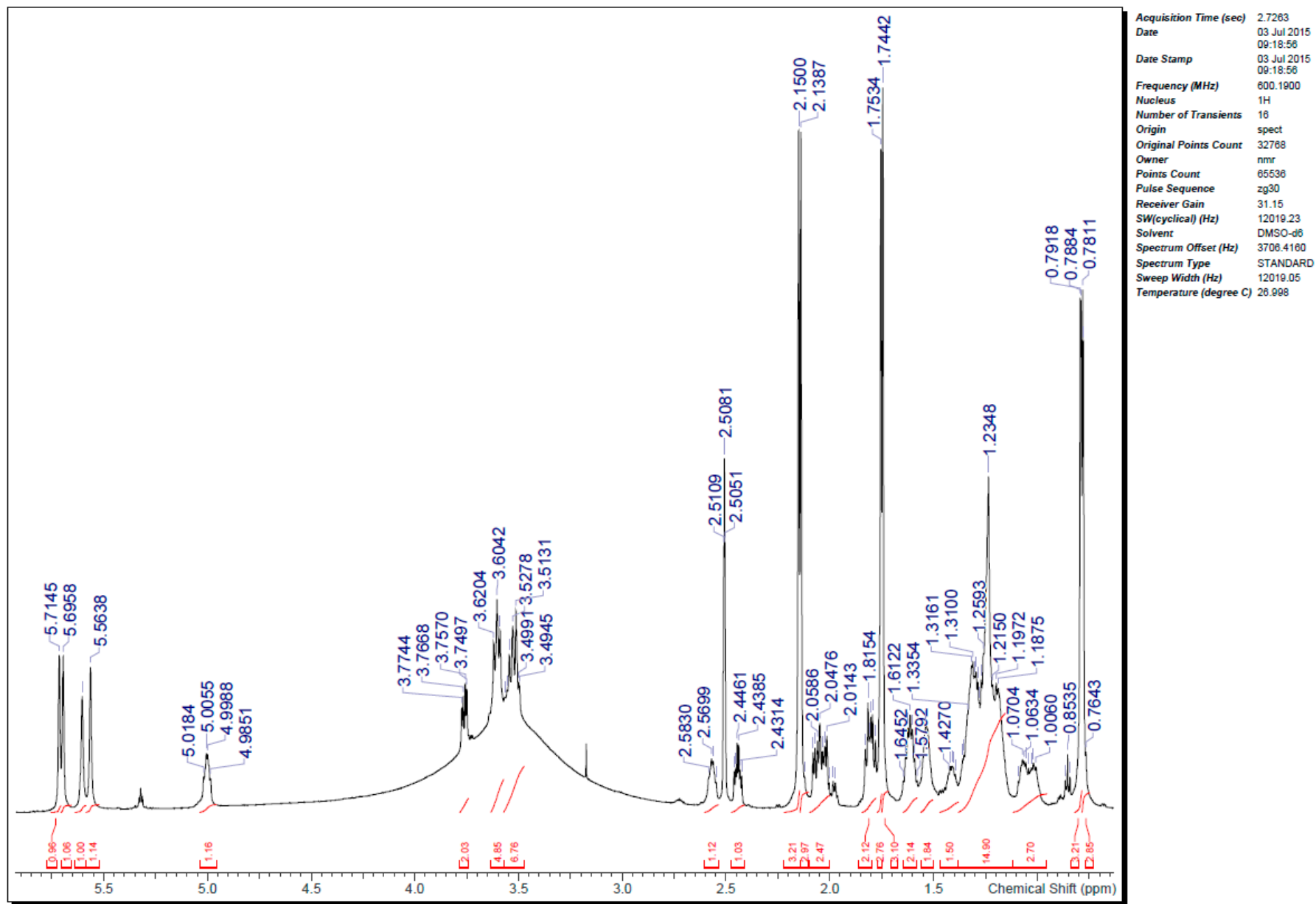


Figure S 11. ¹H-NMR (600 MHz, DMSO-*d*₆) of compound 2

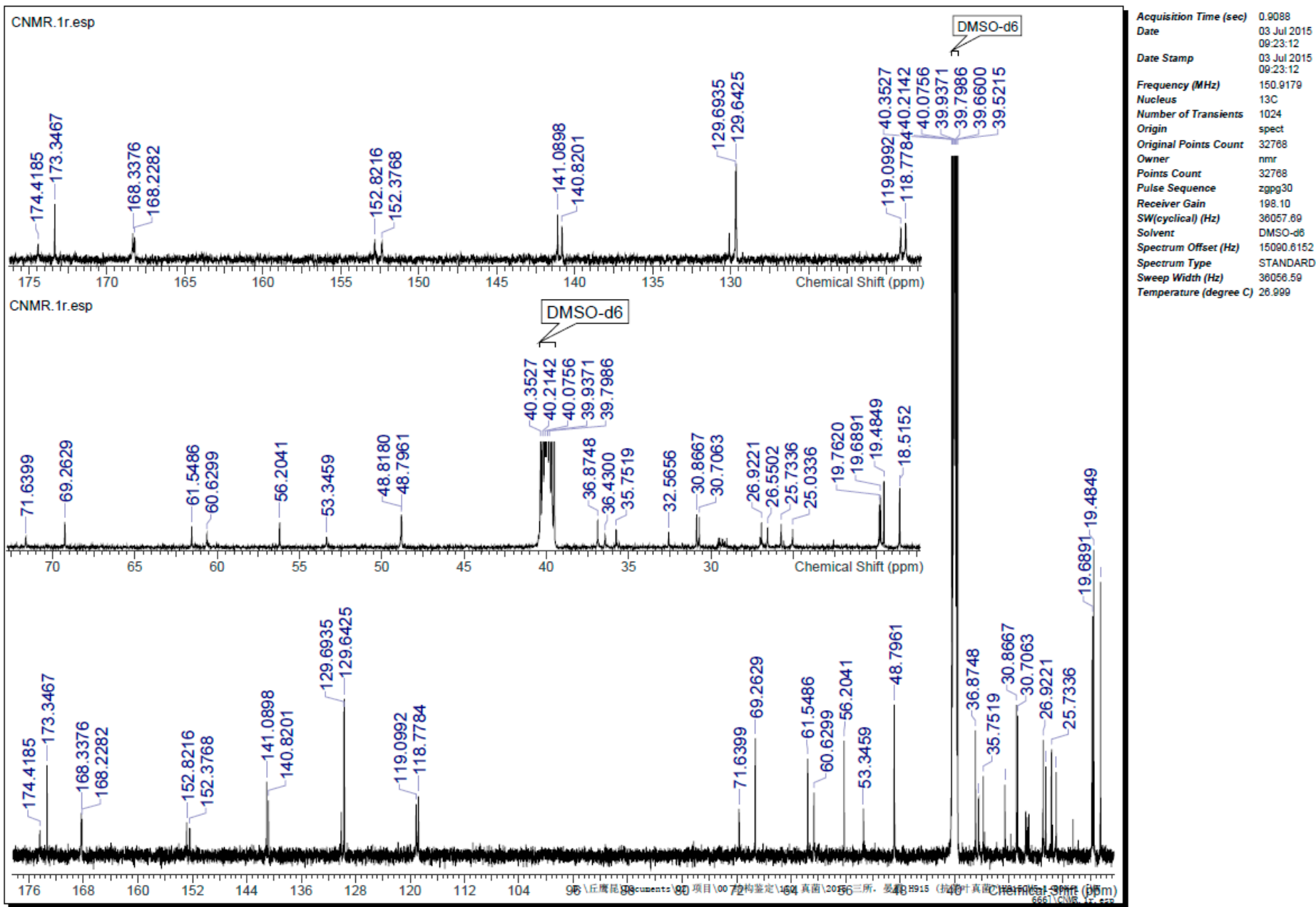


Figure S 12. ^{13}C -NMR (150 MHz, $\text{DMSO-}d_6$) of compound 2

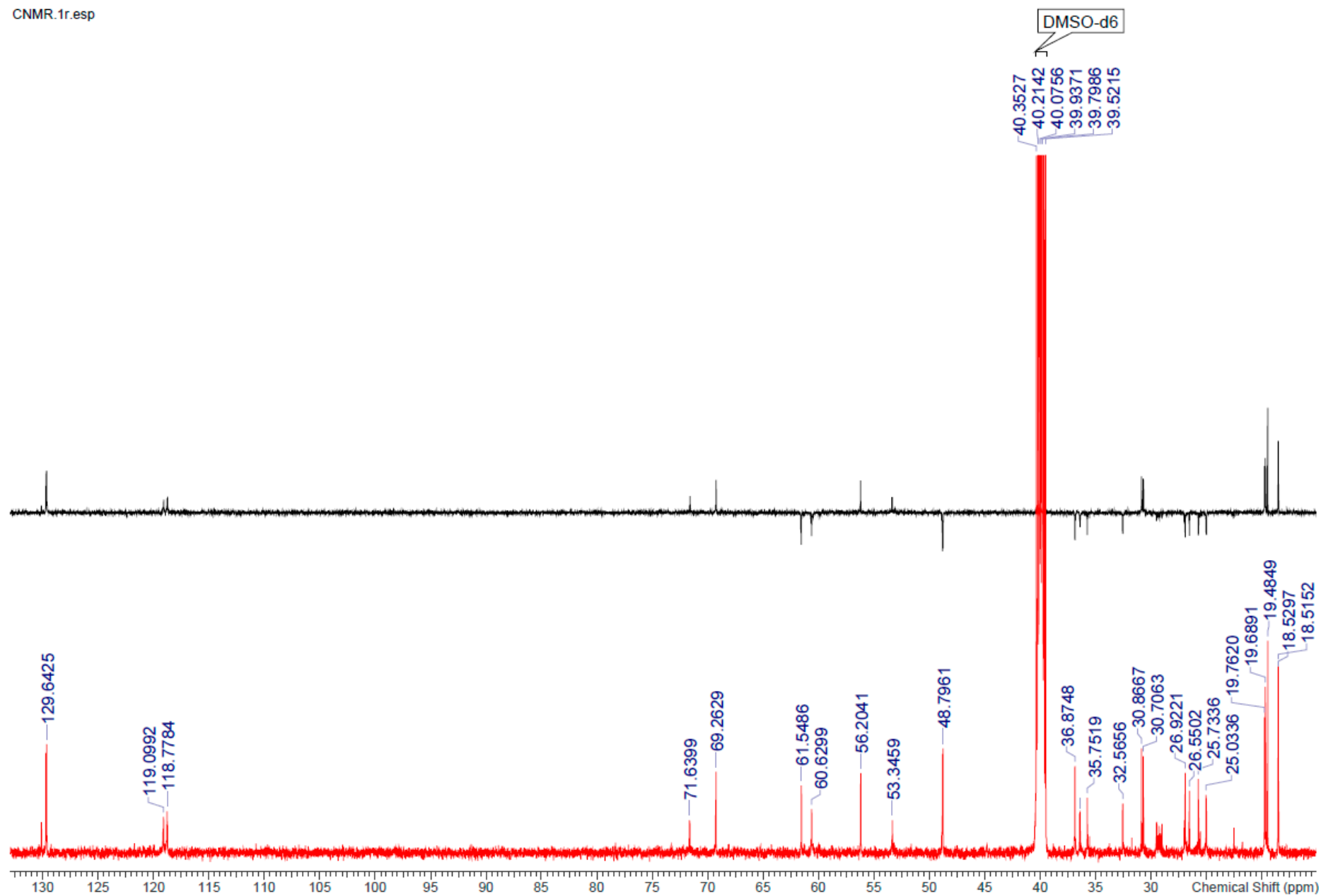


Figure S 13. DEPT spectrum of compound 2

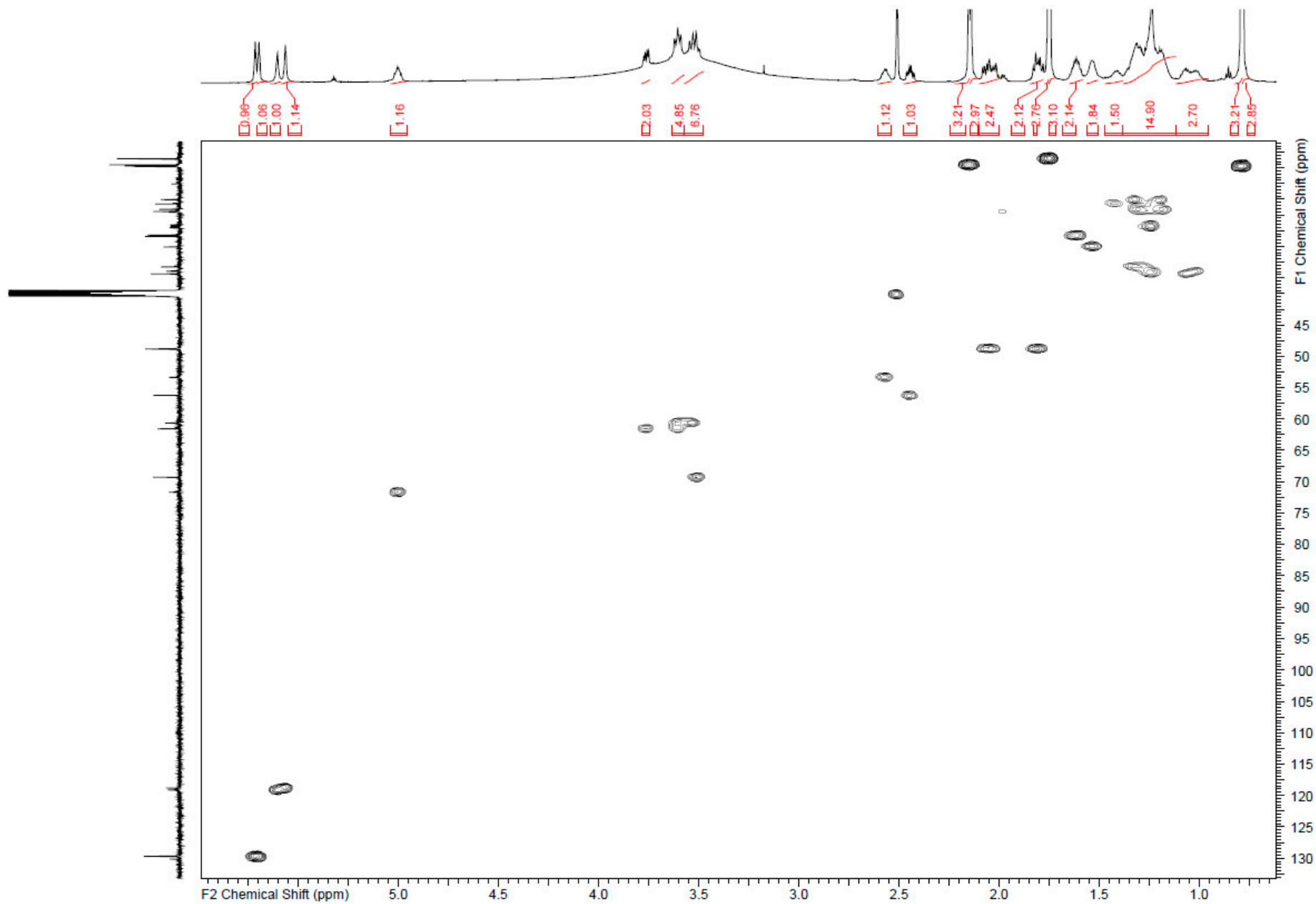
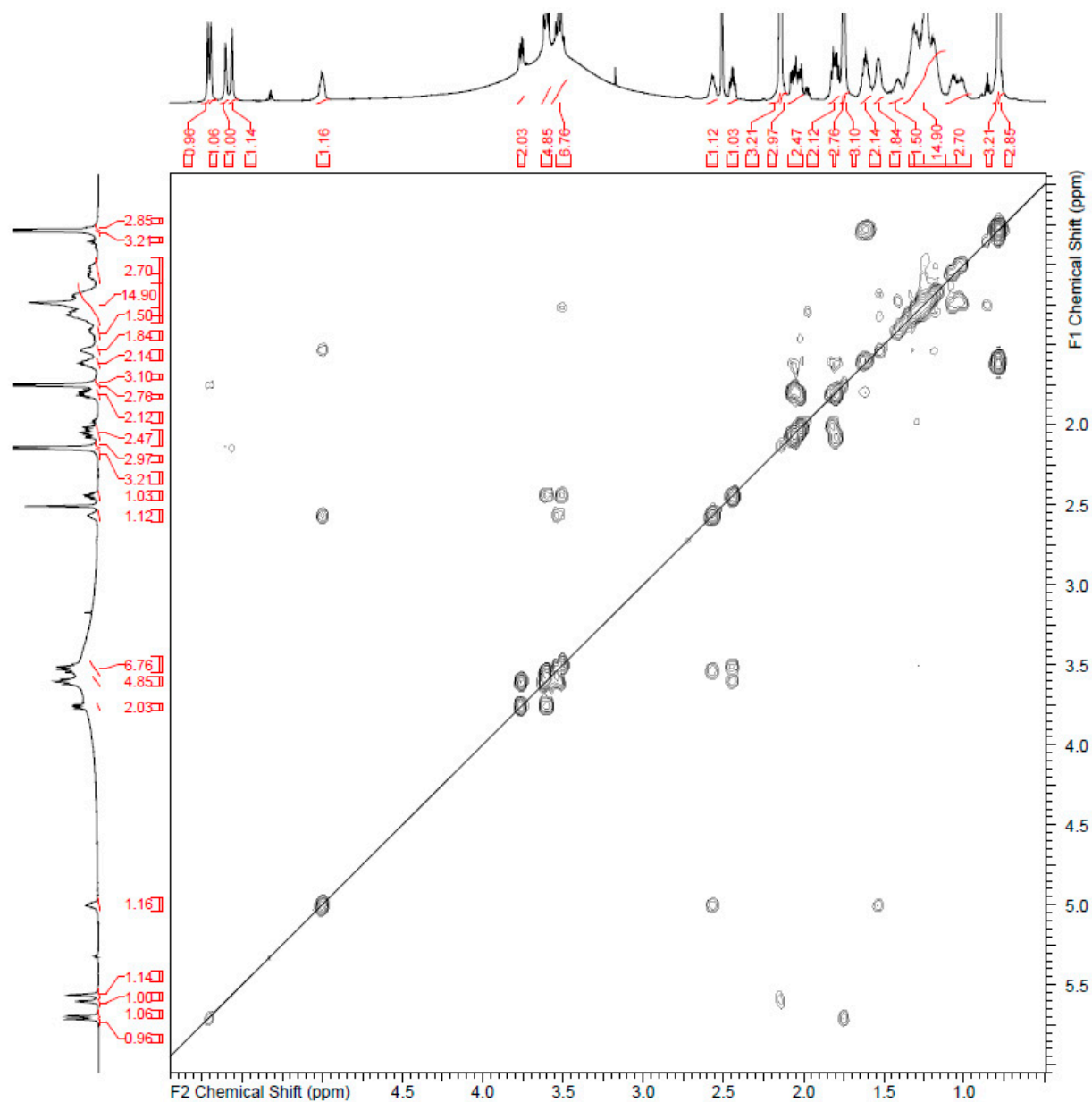


Figure S 14. HSQC spectrum of compound 2



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 Z114607/0133
Date 24 Nov 2016 15:30:38
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Nucleus (1H, 1H)
Number of Transients 4
Origin spect
Original Points Count (1024, 256)
Owner nmr
Points Count (2048, 1024)
Pulse Sequence cosygpmfqr
Solvent DMSO-d6
Spectrum Type COSY
Sweep Width (Hz) (12013.36, 11978.70)
Temperature (degree C) 23.966
Title

Figure S 15. ^1H - ^1H COSY spectrum of compound 2

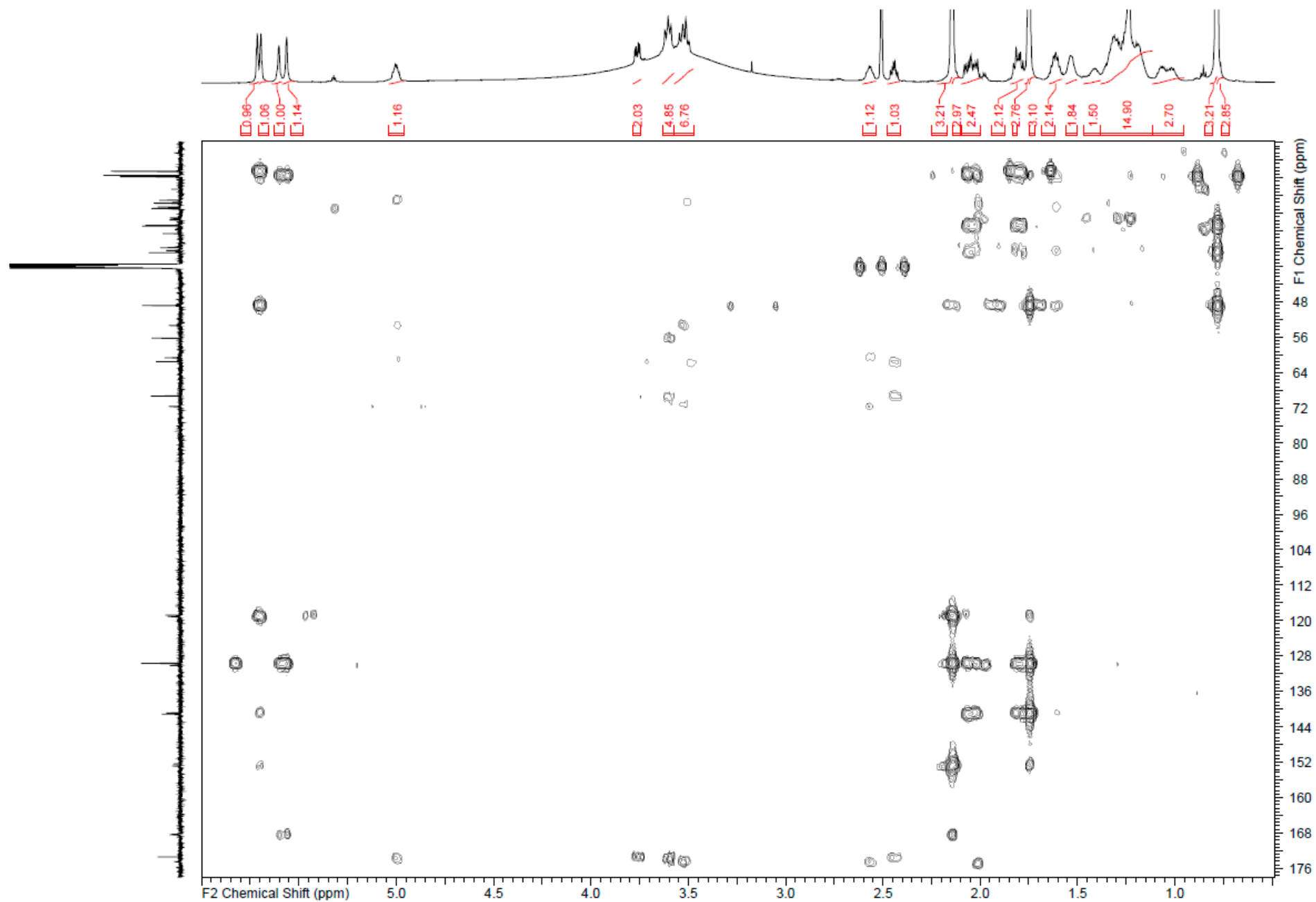
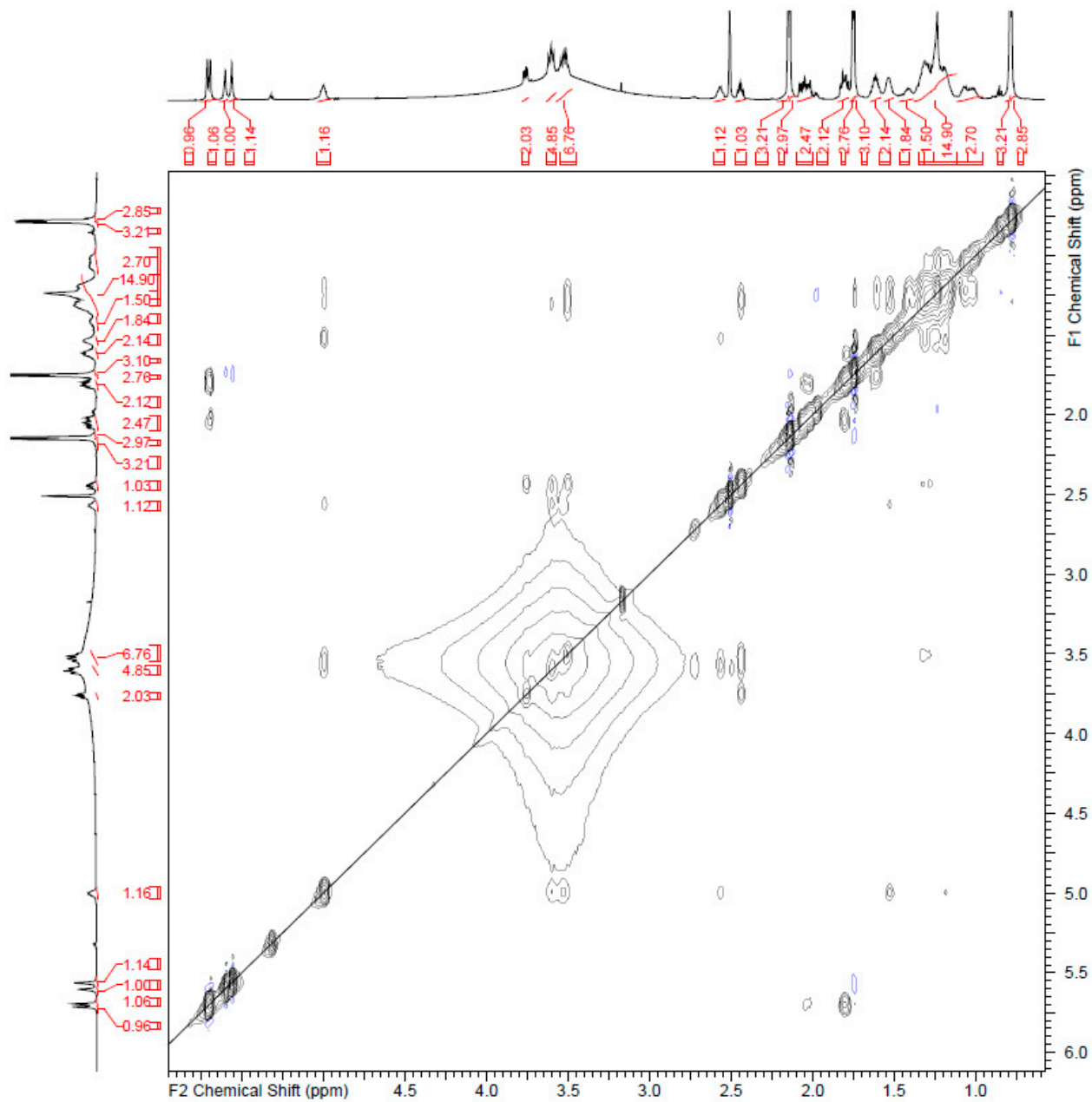


Figure S 16. HMBC spectrum of compound 2

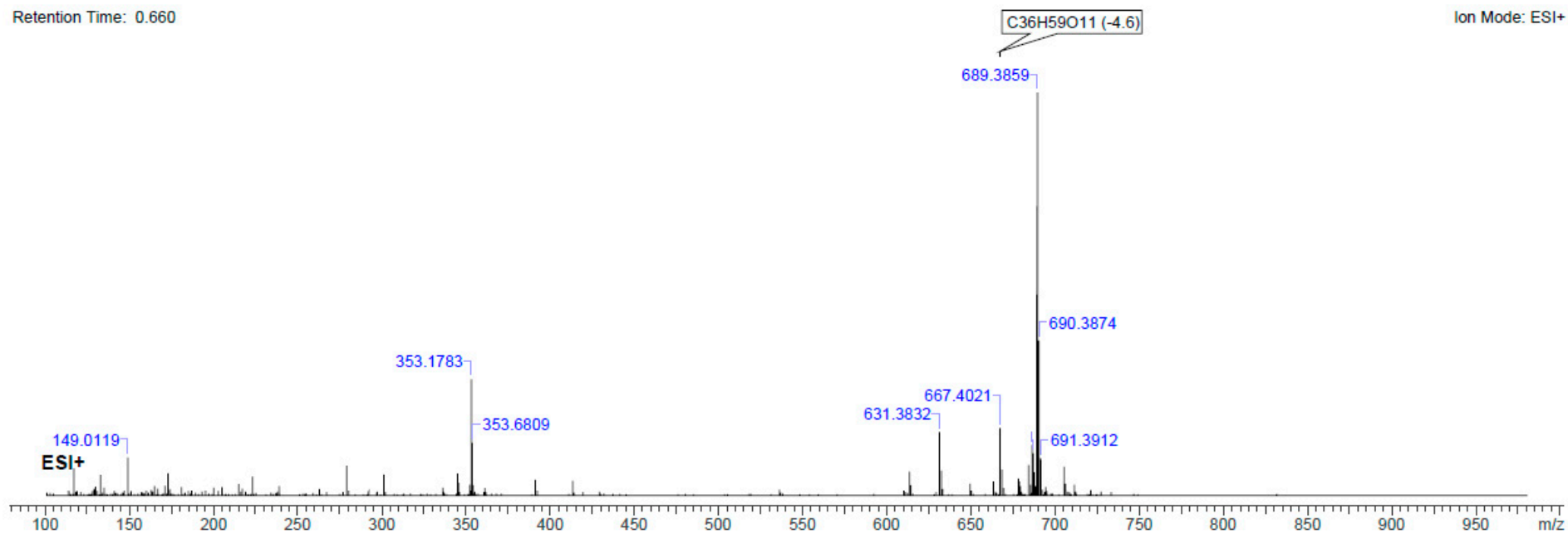


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Nucleus (1H, 1H)
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Original Points Count (1024, 256)
Owner nmr
Points Count (1024, 1024)
Pulse Sequence noesygpphpp
Solvent DMSO-d6
Spectrum Type NOESY
Sweep Width (Hz) (7035.38, 7035.38)
Temperature (degree C) 24.002
Title

Figure S 17. NOESY spectrum of compound 2

Retention Time: 0.660

Ion Mode: ESI+



Retention Time: 0.650

Ion Mode: ESI-

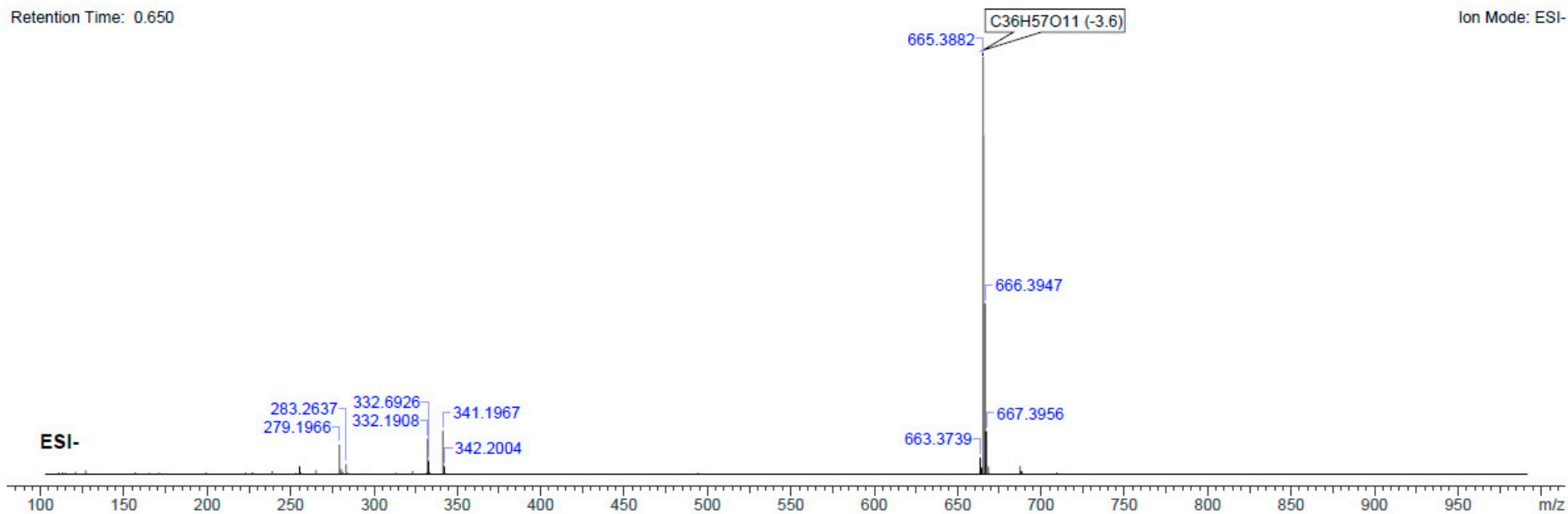
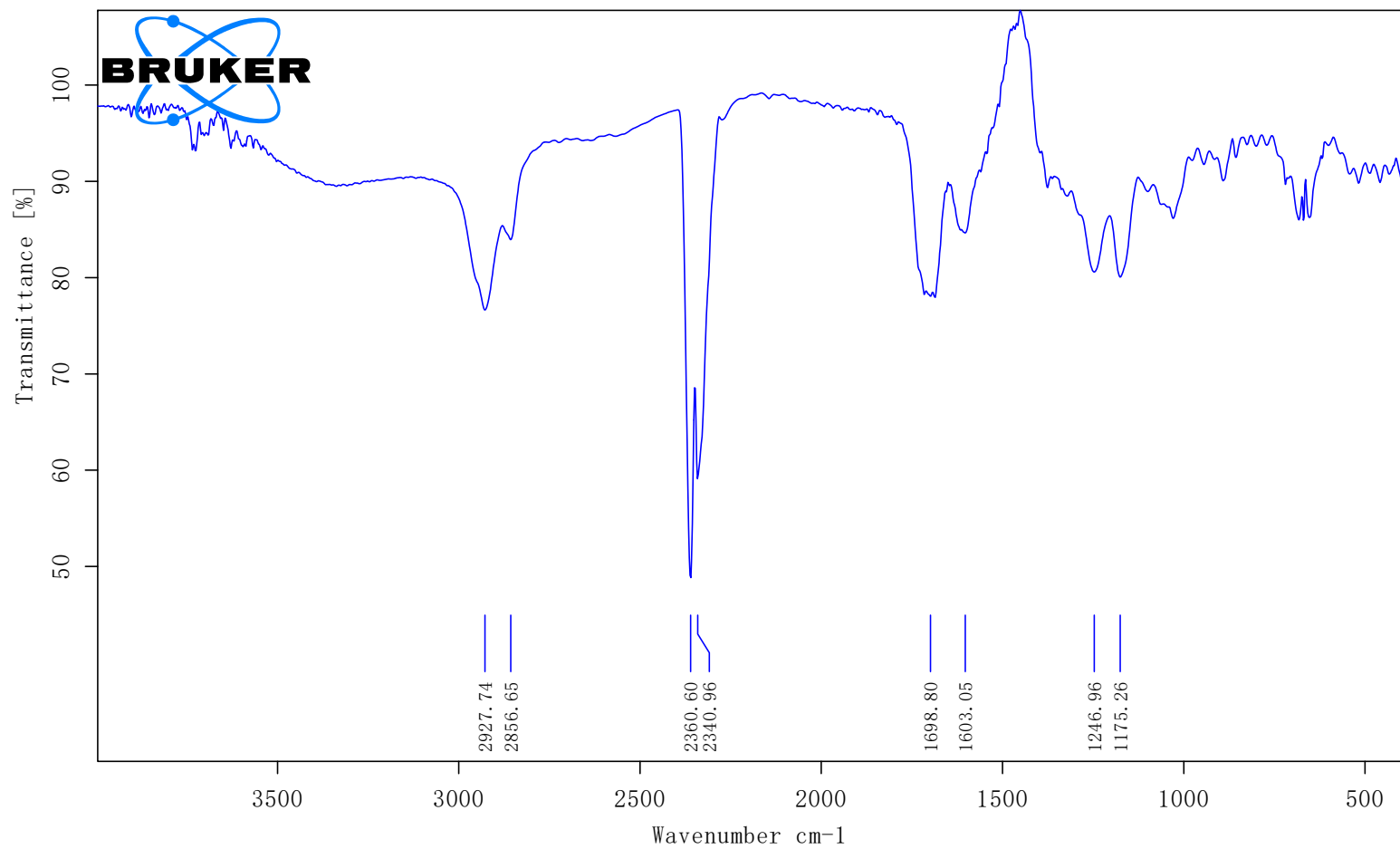


Figure S 18. HR-ESI-MS spectra of compound 3



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GO-3

Instrument type and / or accessory

2018-8-18

Figure S 19. IR spectrum of compound 3

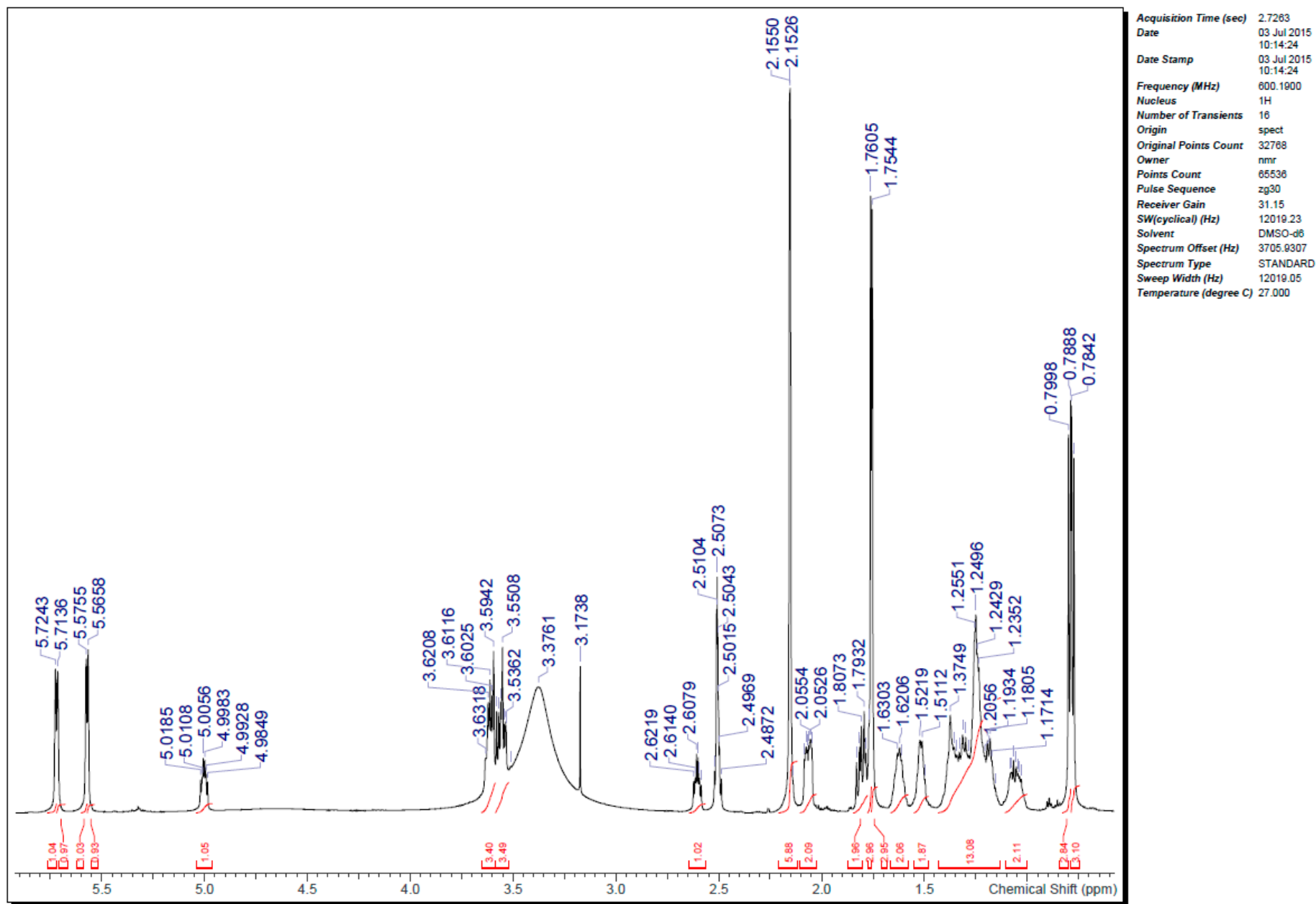


Figure S 20. ¹H-NMR (600 MHz, DMSO-*d*₆) of compound **3**

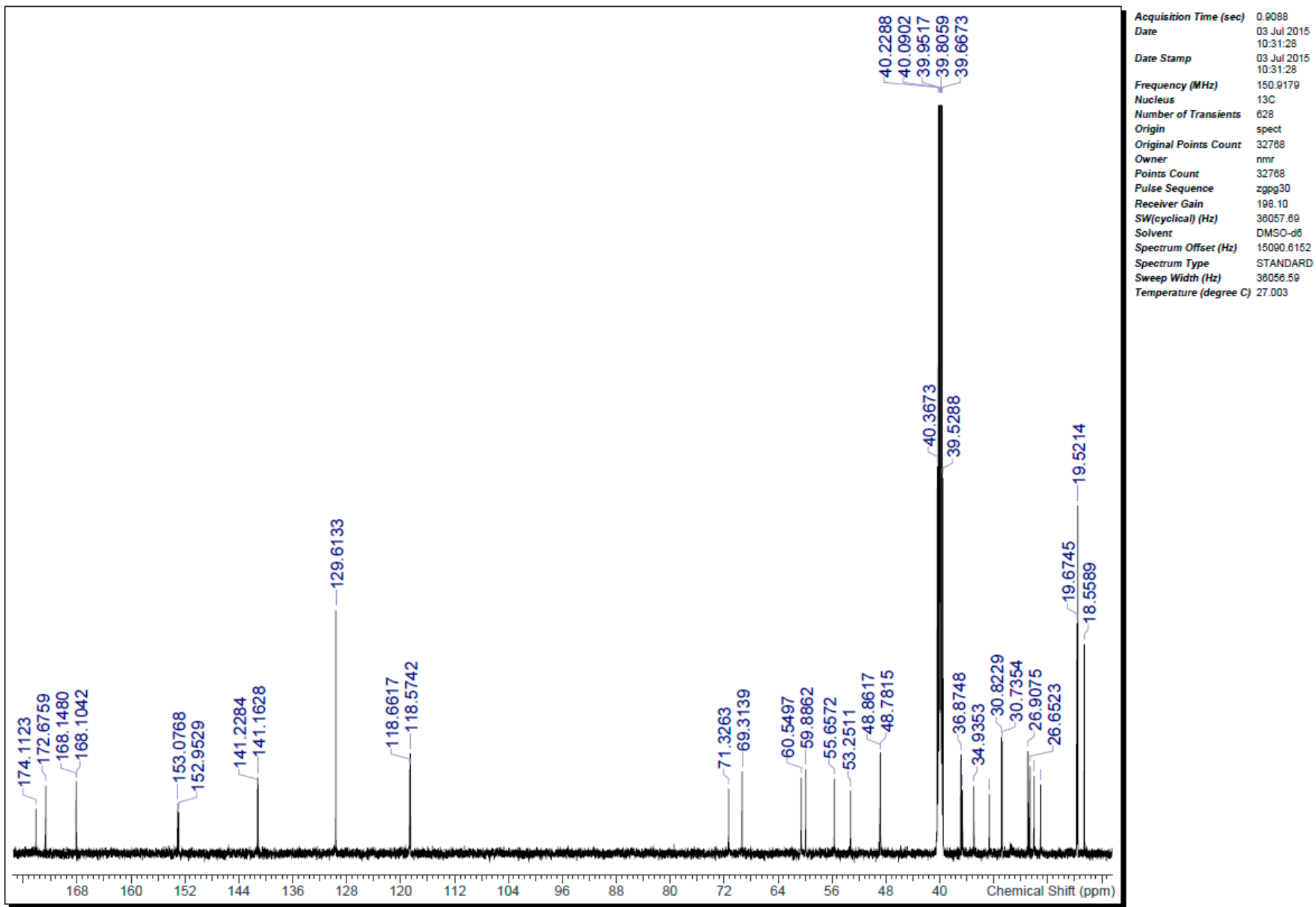


Figure S 21. ^{13}C -NMR (150 MHz, $\text{DMSO-}d_6$) of compound 3

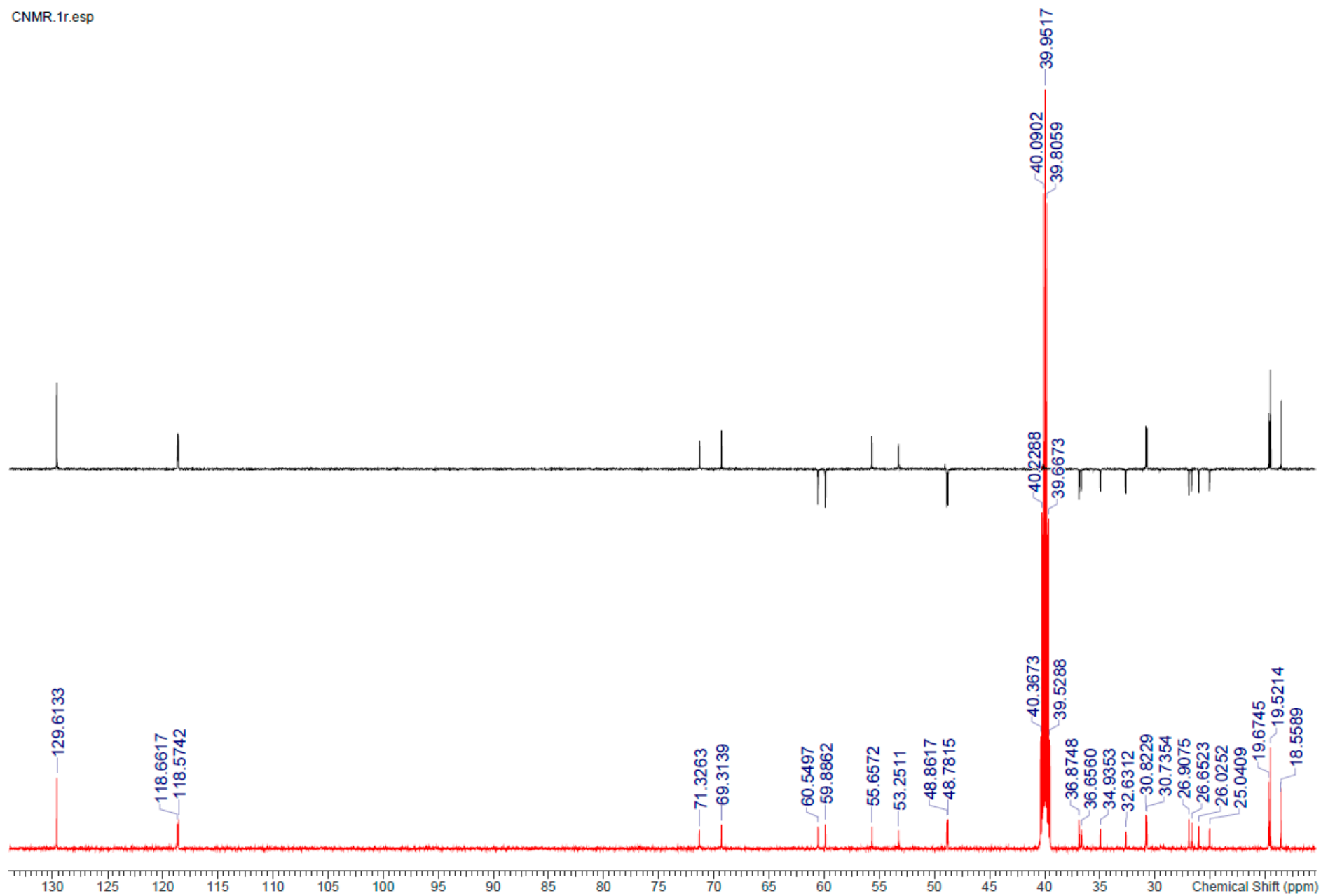


Figure S 22. DEPT spectrum of compound 3

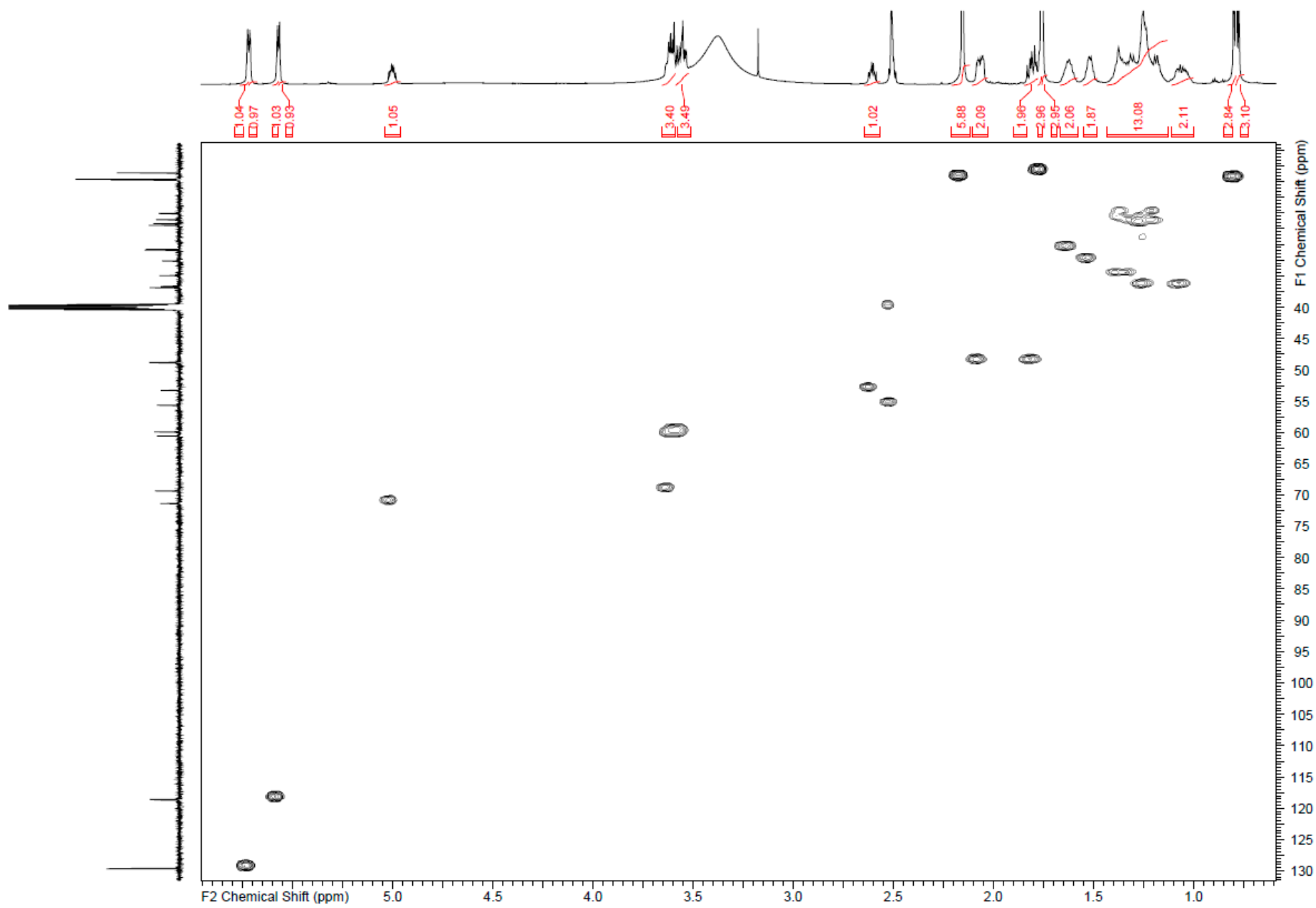


Figure S 23. HSQC spectrum of compound 3

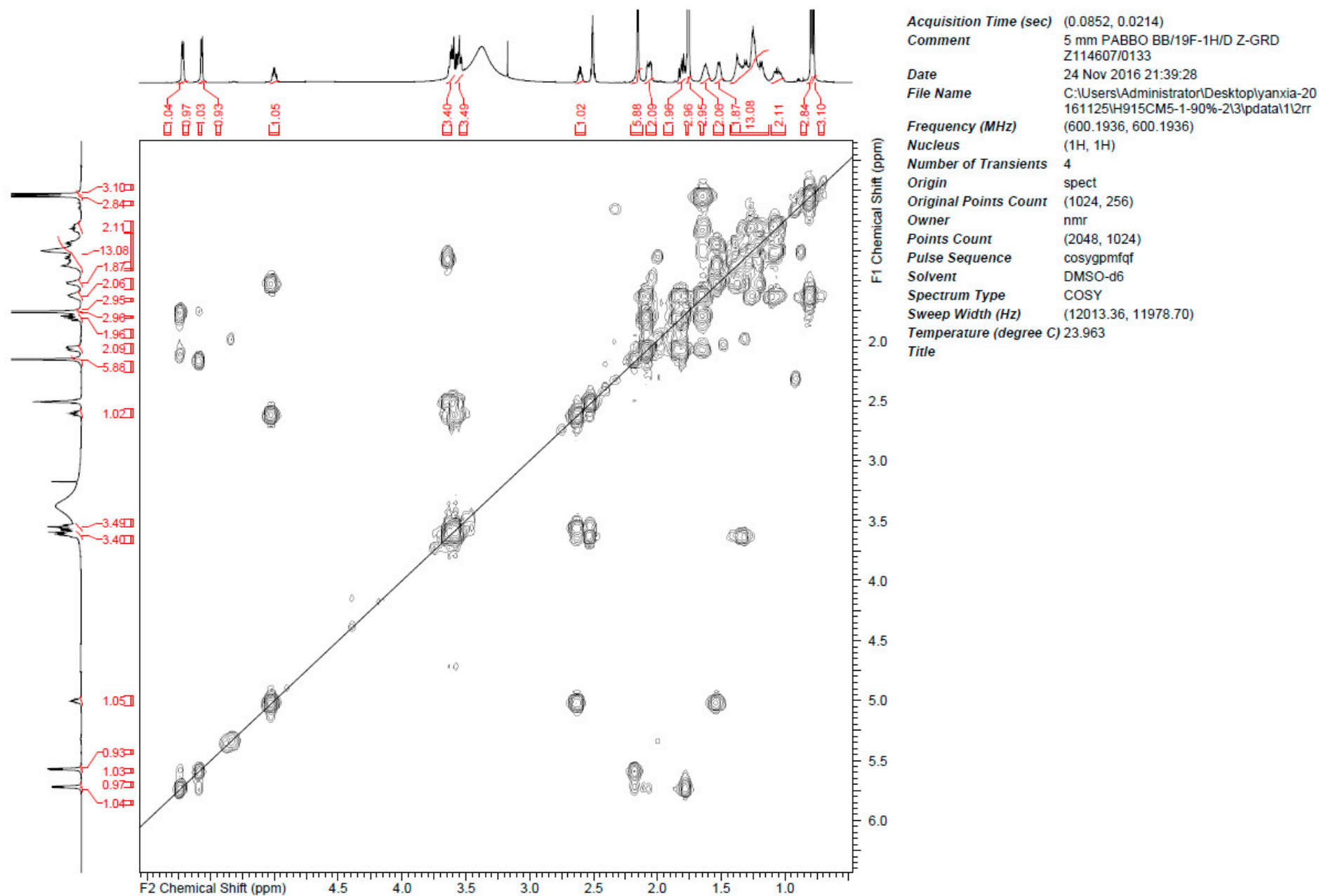


Figure S 24. ^1H - ^1H COSY spectrum of compound **3**

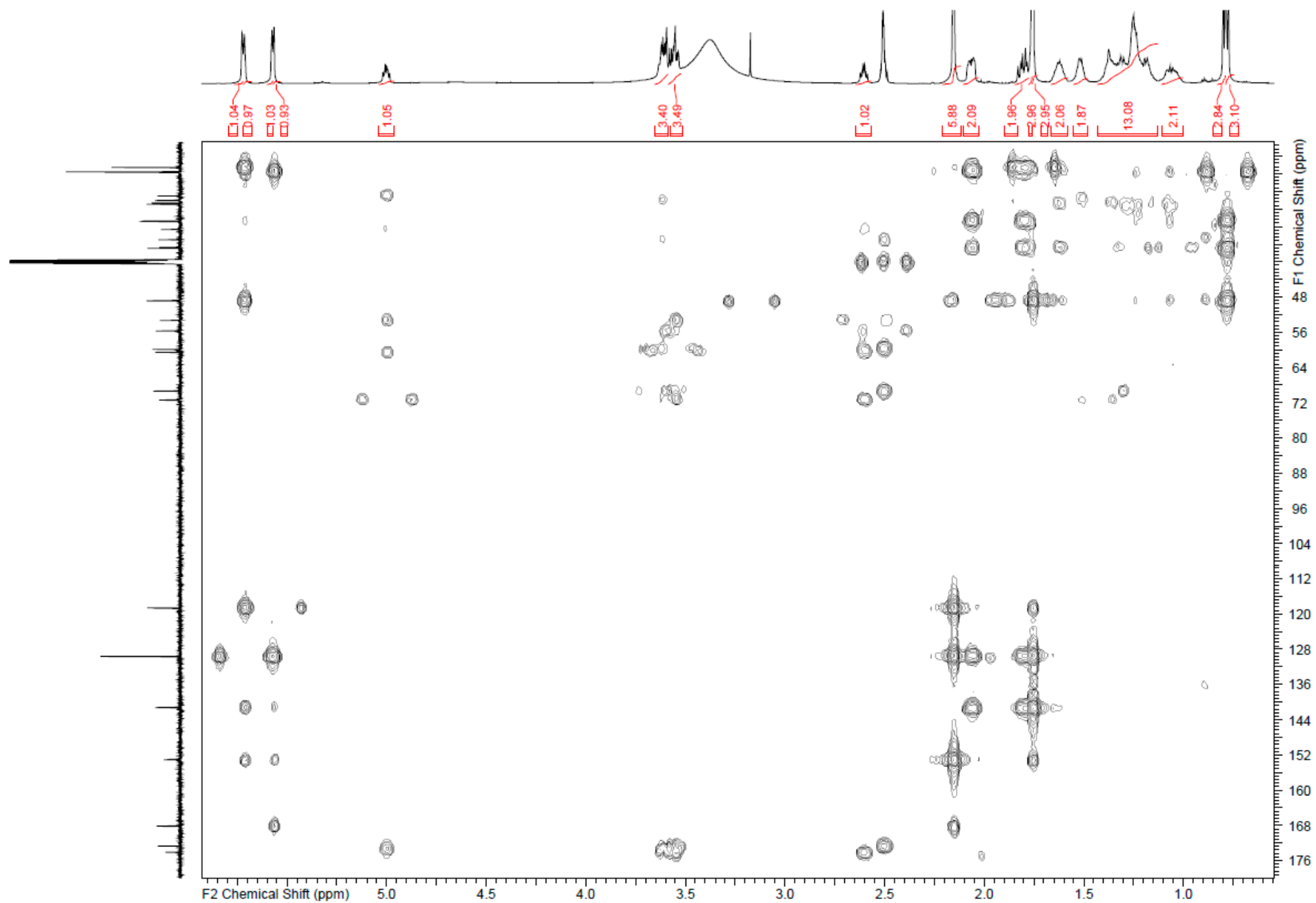
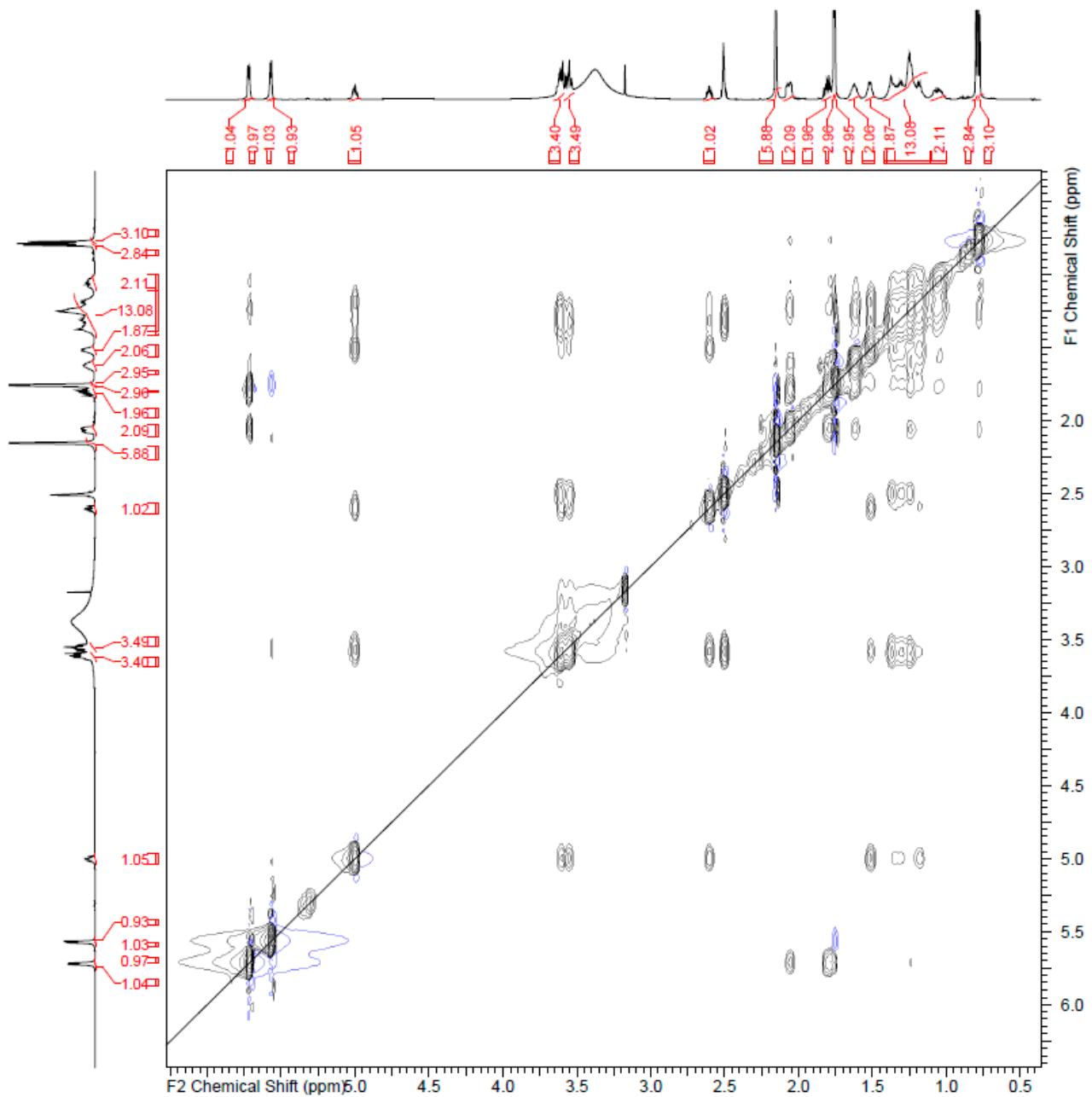


Figure S 25. HMBC spectrum of compound 3

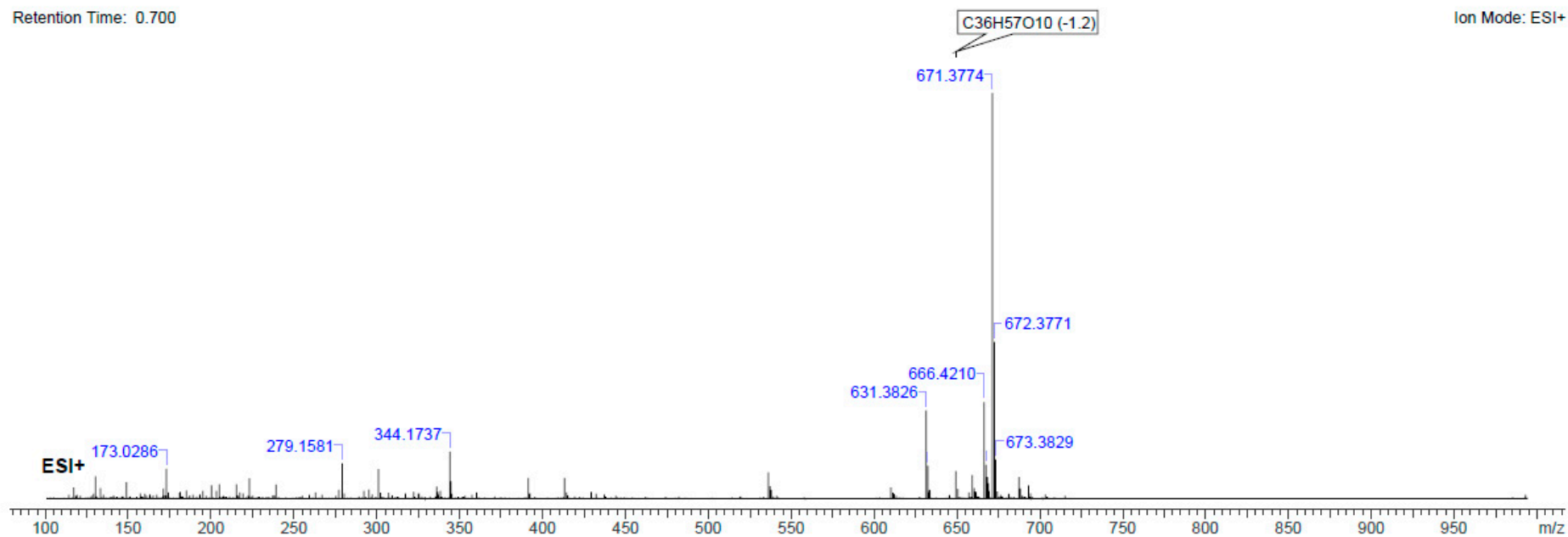


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Frequency (MHz)
Nucleus (1H, 1H)
Number of Transients 4
Origin spect
Original Points Count (1024, 256)
Owner nmr
Points Count (1024, 1024)
Pulse Sequence noesygpphpp
Solvent DMSO-d6
Spectrum Type NOESY
Sweep Width (Hz) (8763.36, 8763.36)
Temperature (degree C) 24.001
Title

Figure S 26. NOESY spectrum of compound 3

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Ion Mode: ESI+



Retention Time: 0.710

Ion Mode: ESI-

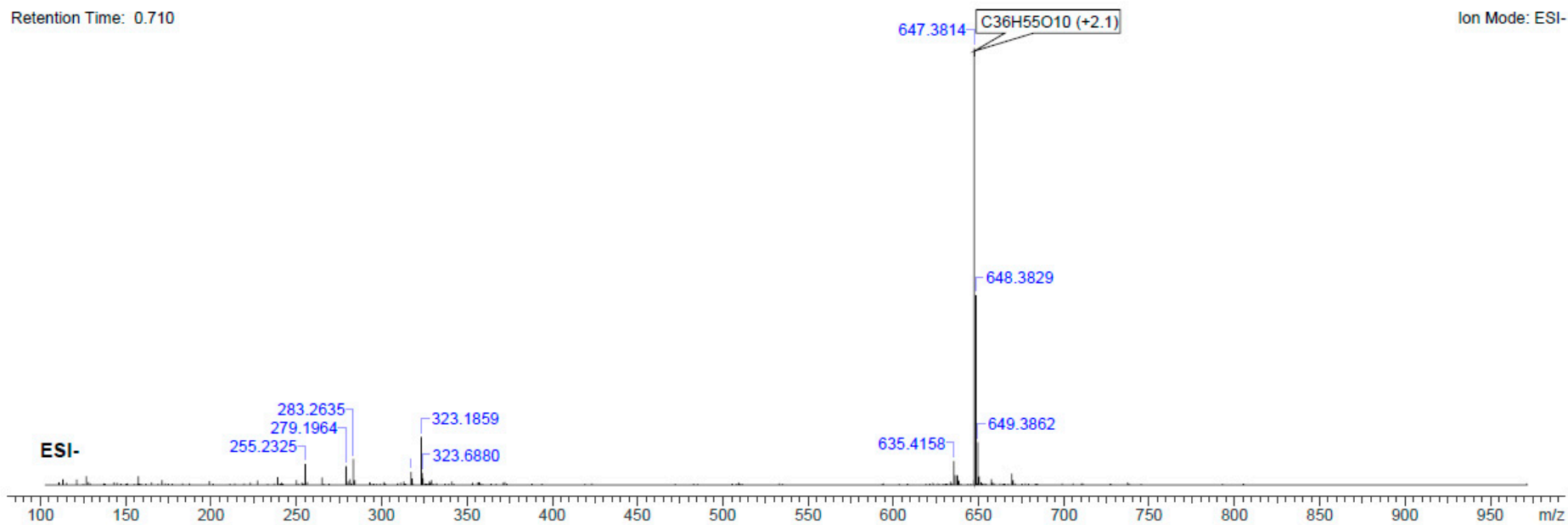
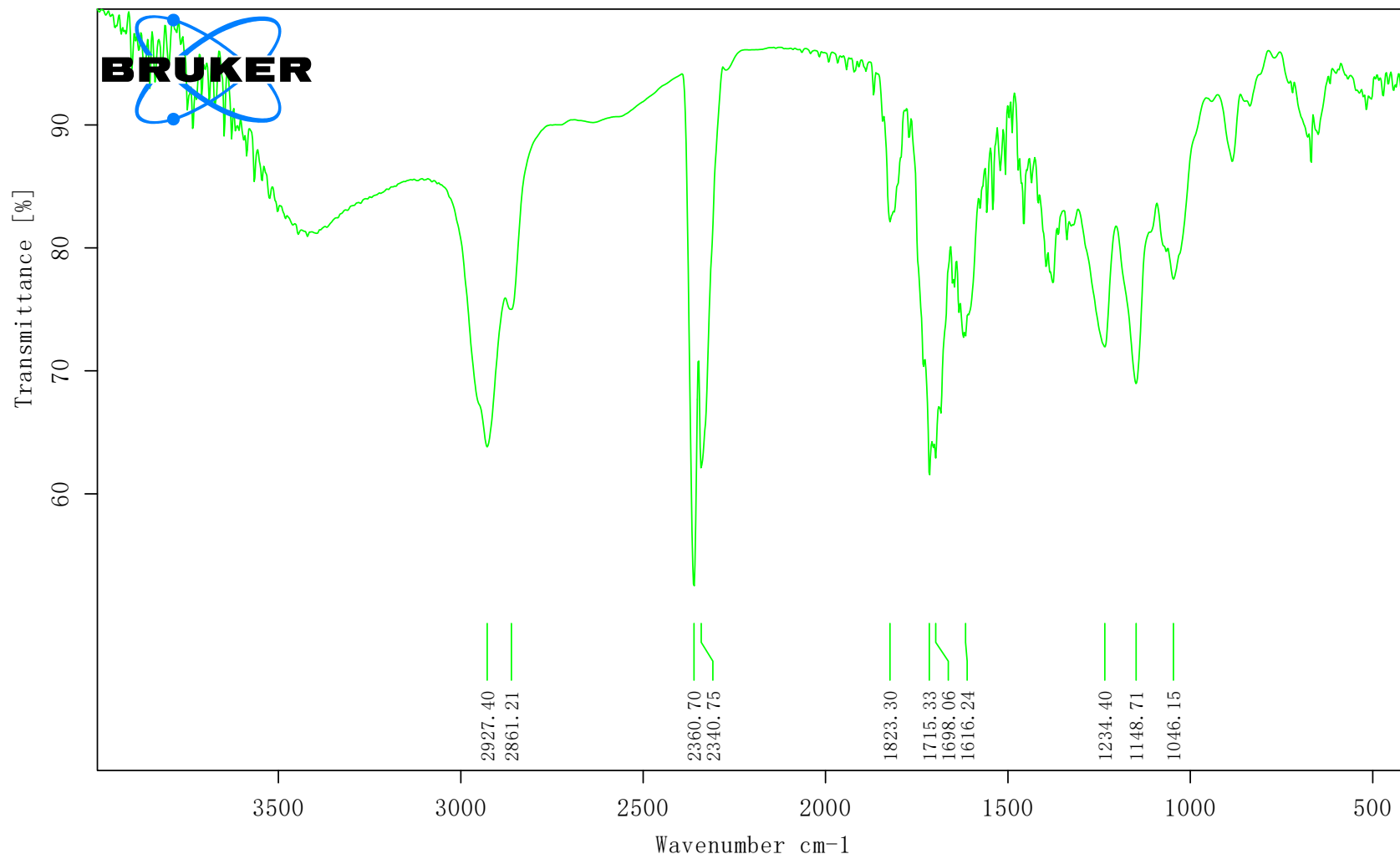


Figure S 27. HR-ESI-MS spectra of compound 4



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G0-3

Instrument type and / or accessory

2018-8-20

Acquisition Time (sec) 2.7263
 Date 10 Jul 2015
 Date Stamp 15:23:44
 Frequency (MHz) 600.1900
 Nucleus 1H
 Number of Transients 12
 Origin spect
 Original Points Count 32768
 Owner nmr
 Points Count 65536
 Pulse Sequence zg30
 Receiver Gain 15.69
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 Spectrum Offset (Hz) 3708.4180
 Spectrum Type STANDARD
 Sweep Width (Hz) 12019.05
 Temperature (degree C) 26.996

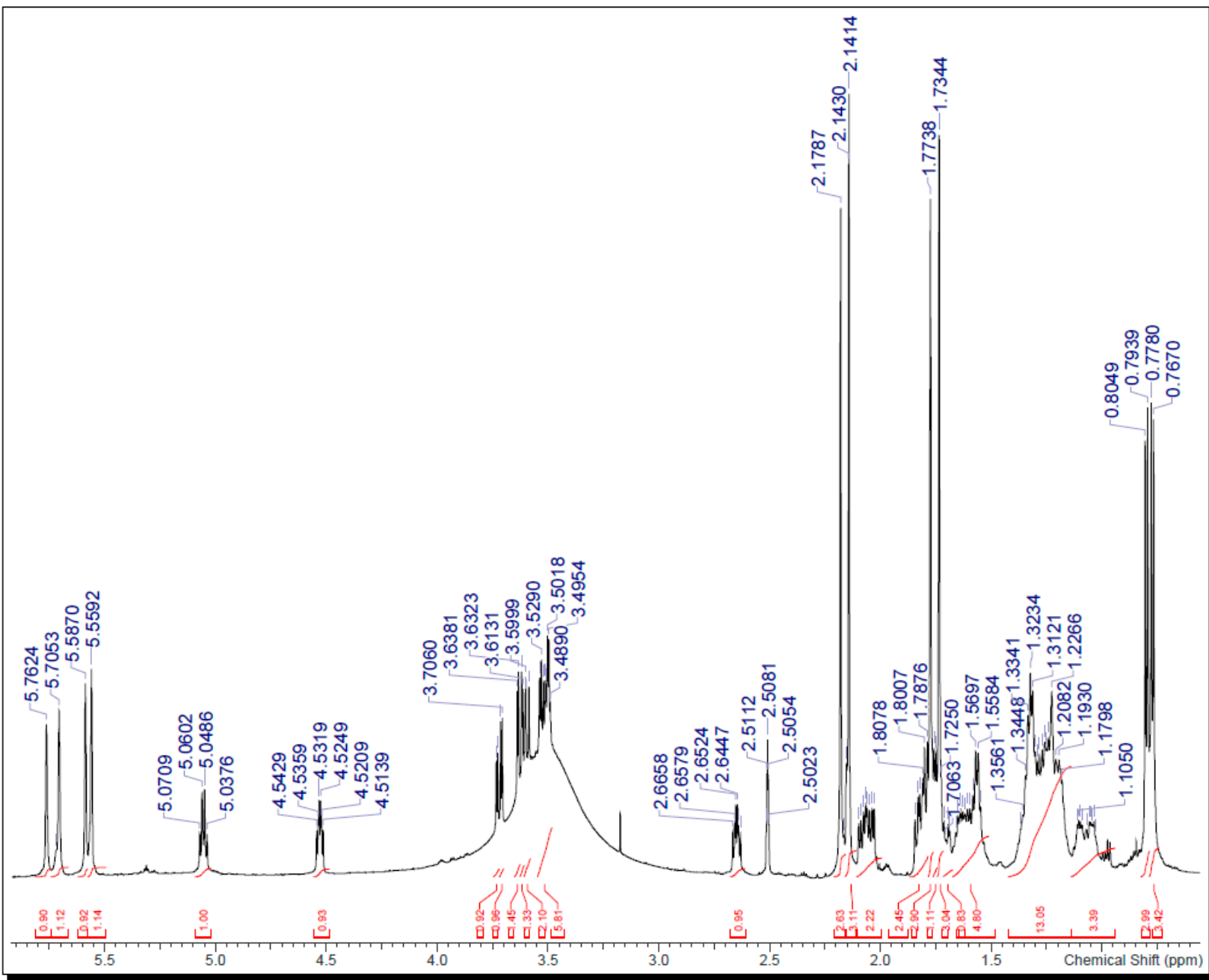


Figure S 29. ¹H-NMR (600 MHz, DMSO-*d*₆) of compound 4

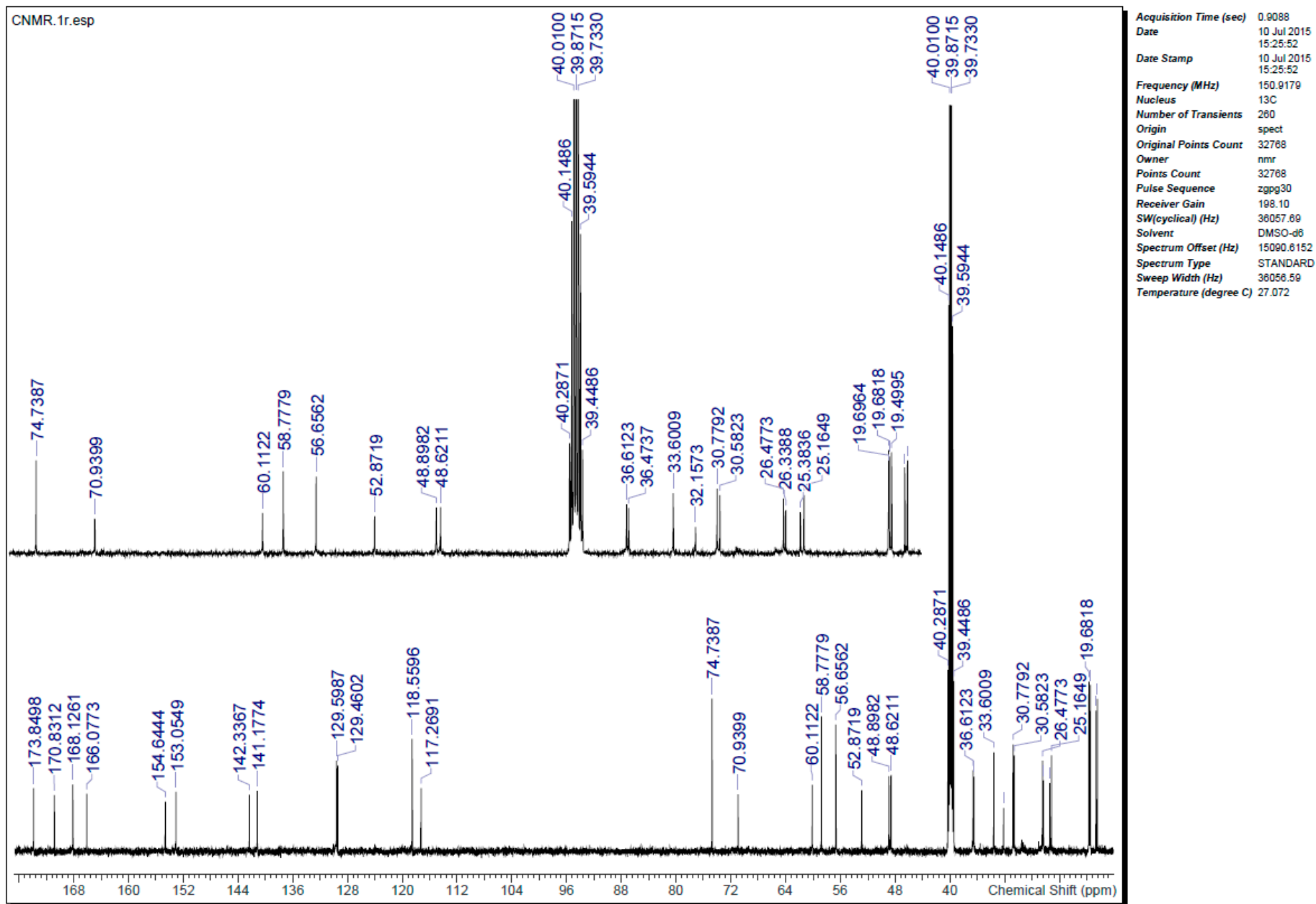


Figure S 30. ^{13}C -NMR (150 MHz, $\text{DMSO}-d_6$) of compound 4

DEPT.esp

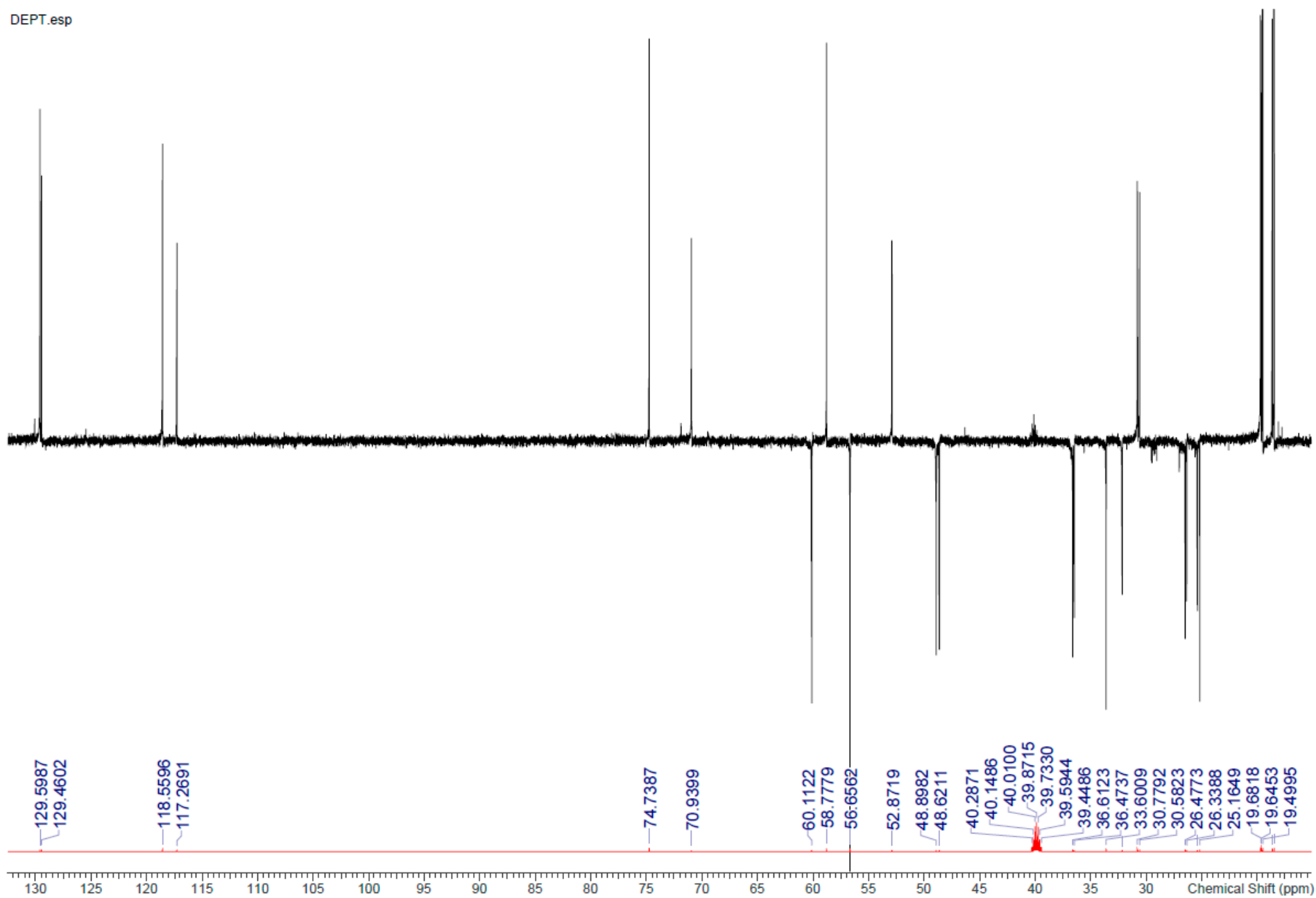


Figure S 31. DEPT spectrum of compound 4

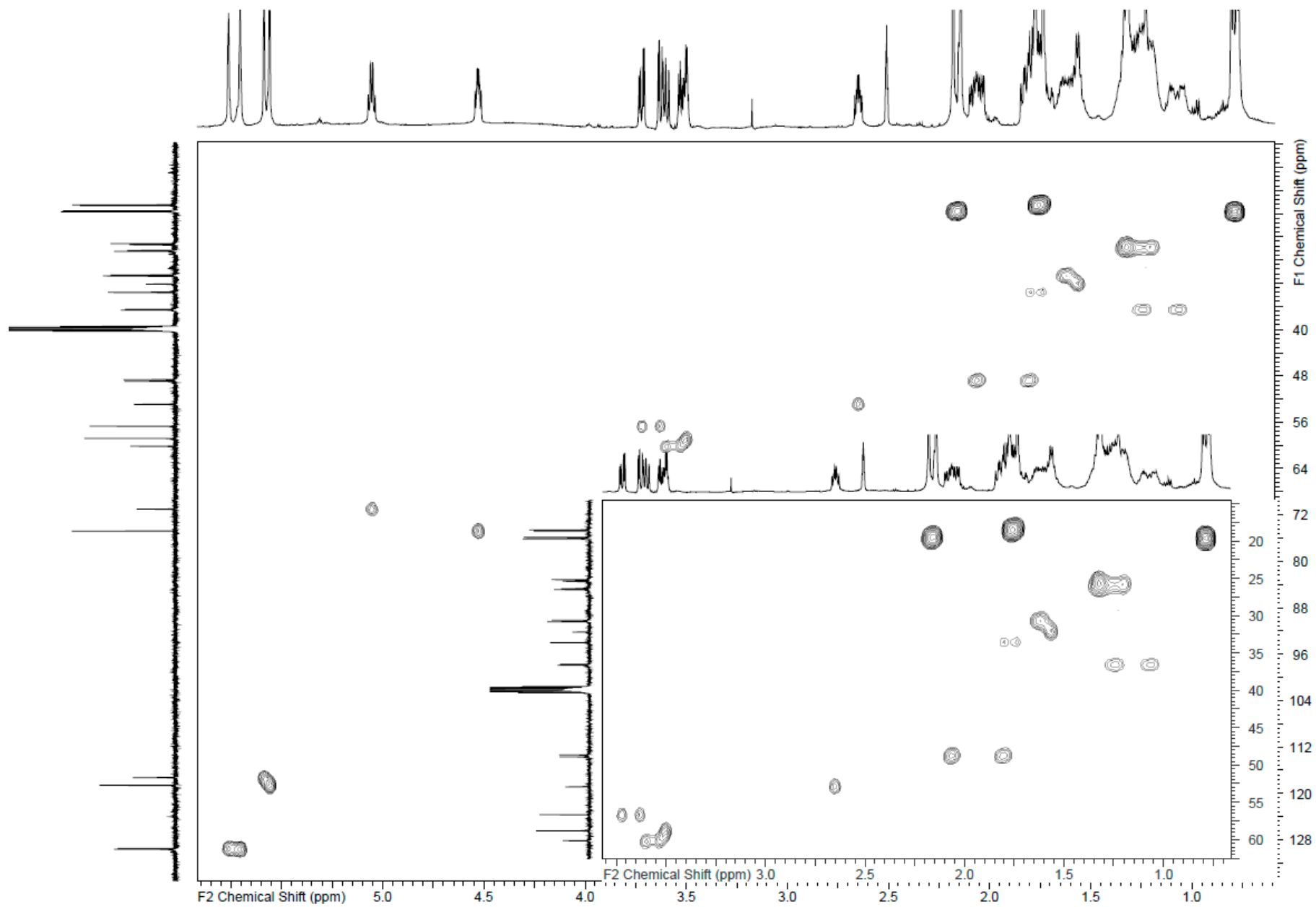
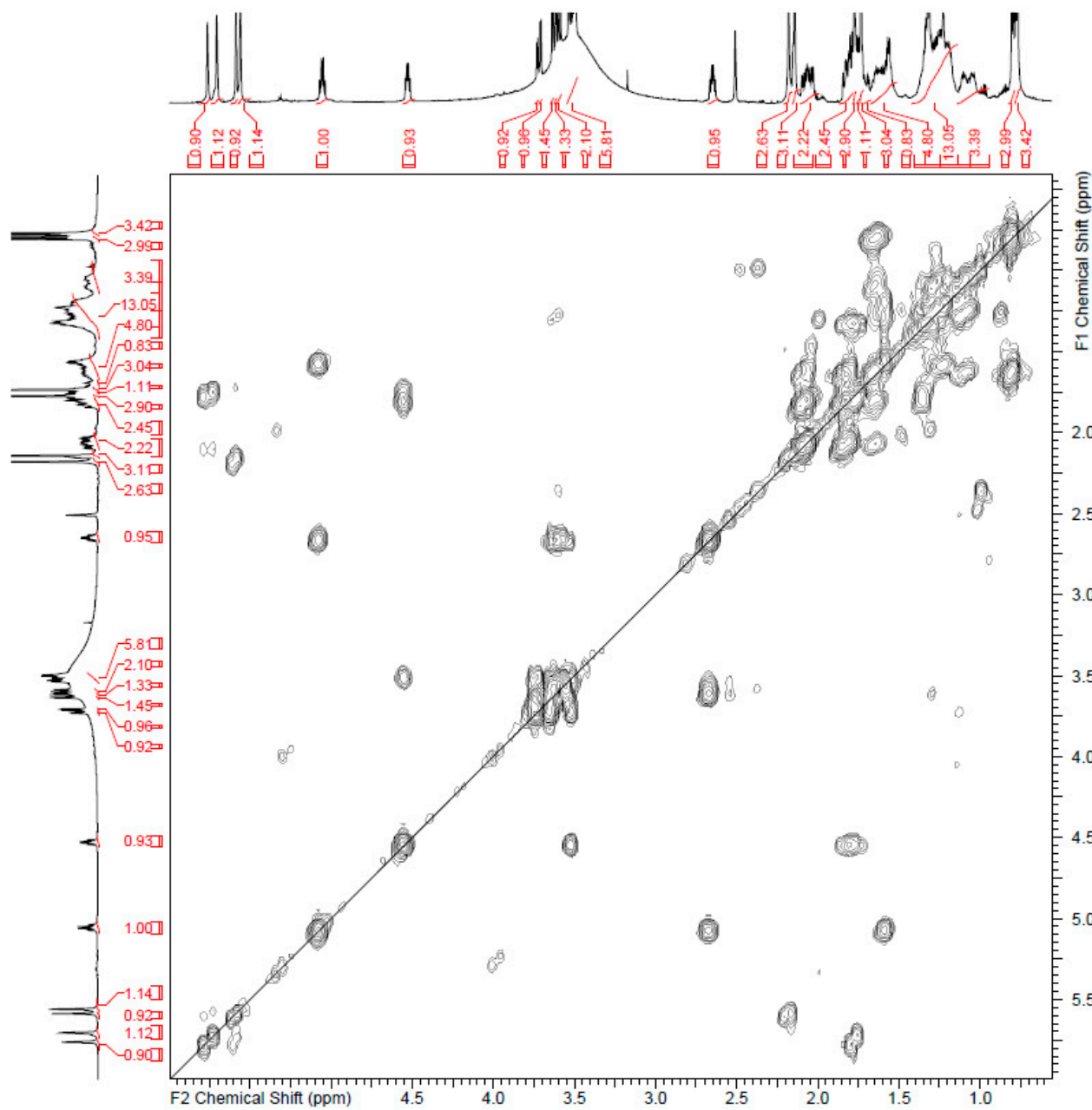


Figure S 32. HSQC spectrum of compound 4



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Number of Transients 4
Origin spect
Original Points Count (1024, 256)
Owner nmr
Points Count (2048, 1024)
Pulse Sequence cosygpmfqr
Solvent DMSO-d6
Spectrum Type COSY
Sweep Width (Hz) (12013.36, 11978.70)
Temperature (degree C) 26.945
Title

Figure S 33. ¹H-¹H COSY spectrum of compound 4

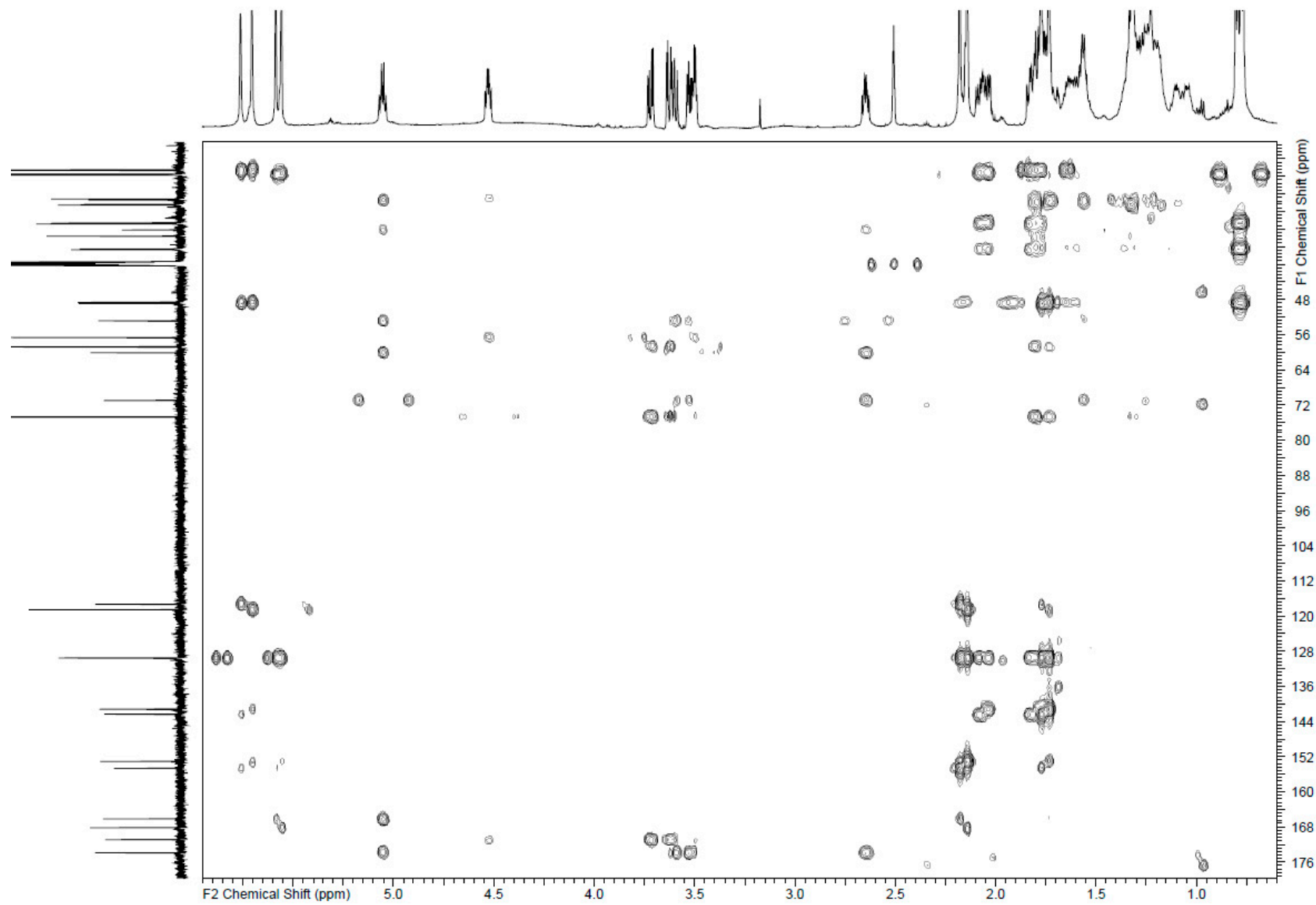


Figure S 34. HMBC spectrum of compound 4

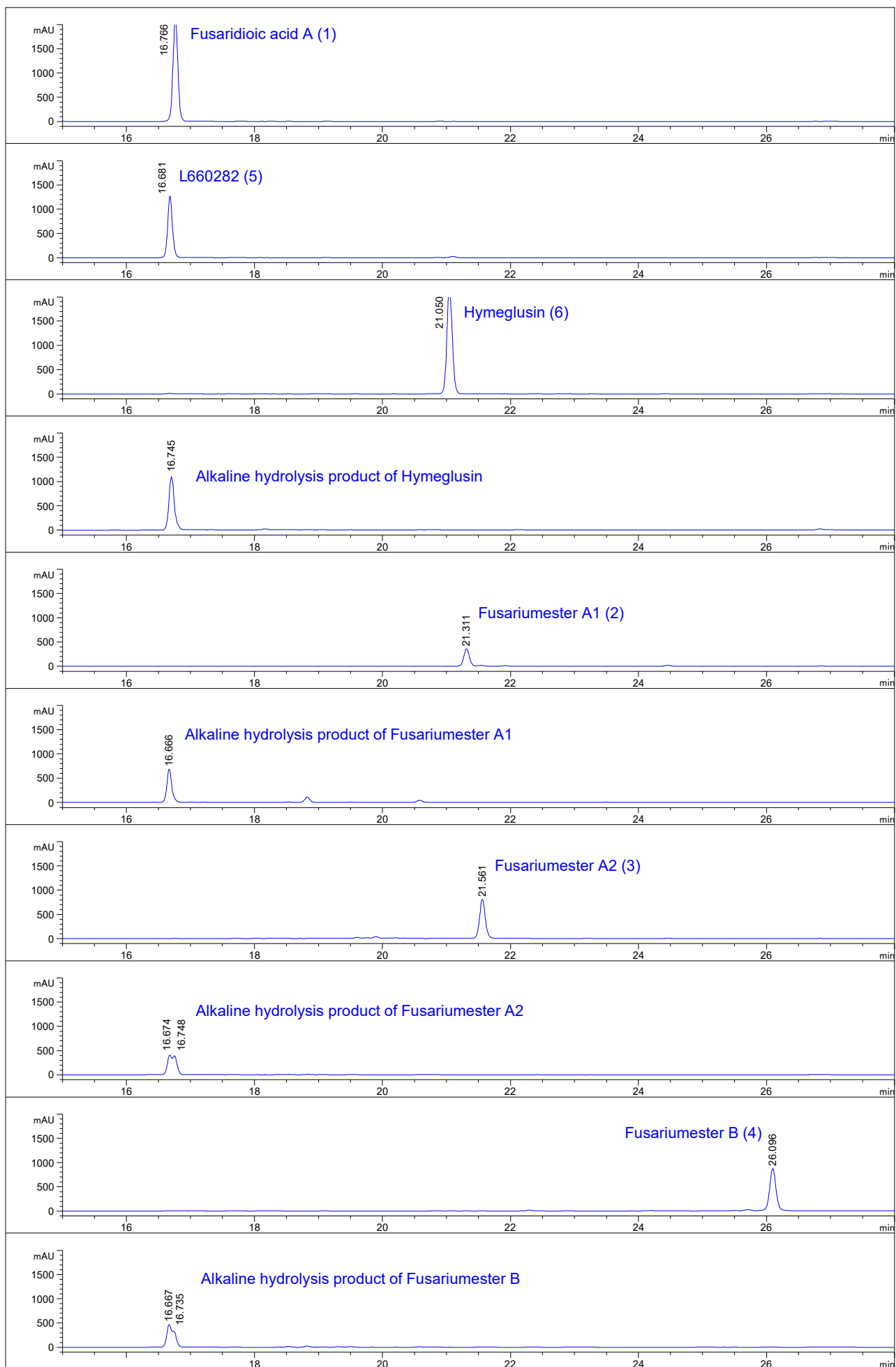


Figure S 35. HPLC chromatograms of compounds 1-6 and alkaline hydrolysis products of 2-4, 6